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FEEDING STUFFS REPORT 1929

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BUREAU OF FOODS AND CHEMISTRY

C. G. JORDAN, *Secretary of Agriculture*

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LETTER OF TRANSMITTAL

PENNSYLVANIA DEPARTMENT OF AGRICULTURE

Bureau of Foods and Chemistry

Harrisburg, March 26, 1930

Hon. C. G. Jordan,

Secretary of Agriculture,

Harrisburg, Pa.

Dear Sir:—I have the honor to transmit herewith for your approval an annual report, showing the results of chemical and microscopical analyses of the official samples of Feeding Stuffs selected from sales agencies throughout the Commonwealth by Special Agents of the Bureau during 1929, as provided by the Feeding Stuffs Law, Act of May 3, 1909, as amended May 11, 1921, and March 19, 1923.

It is recommended that this report be published in bulletin form for distribution.

Very respectfully,

JAMES W. KELLOGG,

Director-Chief Chemist

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FEEDING STUFFS REPORT 1929

INTRODUCTION

The Feeding Stuffs Law, Act of May 3, 1909, as amended, regulates the manufacture and sale of Commercial Feeding Stuffs and requires registration for each calendar year and before being offered for sale; all sacks or attached cards to be printed with brand or trade names, names of manufacturers or importers, guarantees for protein, fat and fiber, and the names of ingredients of which mixtures are composed and statements of composition in the case of by-product feeds and prohibits misbranding and adulteration. Feeding Stuffs are defined as including all by-product materials, mixed feeds and mineral mixtures used for feeding domestic animals, which include dogs, cats and poultry. Provision is made for enforcement by authorizing inspection of sales, the collection and analyses of official samples, the publication of the results of analyses for the information of the public and for holding selling agents responsible for failing to meet the requirements with respect to registration labelling and guaranteeing. Provision is also made for the analysis of special samples for a fee of $1.00 each for residents of Pennsylvania.

During 1929 Special Agents of the Bureau collected from sales agencies throughout the State and submitted for examination, together with reports showing labelling and sales methods, 1,099 official samples of Feeding Stuffs. Of this number 967, representing registered brands covered by the requirements, were analyzed chemically and microscopically for the purpose of ascertaining the correctness of branding and guaranteeing and for the presence of prohibited and foreign ingredients.

There were also 550 special samples analyzed, which were submitted by residents of the State, accompanied by a fee of $1.00 each, making a total of 1,649 samples analyzed during the year. Reports of results of analyses of the special samples were mailed to the senders and the fees were paid to the State Treasurer, as required. As these samples were submitted for the purpose of private information the results of analyses are not included in this report.

The official samples included 607 brands and kinds, registered by 230 manufacturing, importing and jobbing firms. The classes represented, together with the number of samples in each, were as follows:

Classes	*Samples*
Oil Cake By-Product	46
Distillery and Brewery By-Product	2
Maize By-Product	25
Wheat Offal	177
Rye Offal	1
Oat By-Product	6
Buckwheat Offal	2
Alfalfa Meal	16
Dried Beet Pulp	6
Proprietary Dairy Feed	173
Proprietary Stock, Horse and Mule Feed	60
Proprietary Calf Meal	14
Proprietary Swine Feed	52
Proprietary and Miscellaneous Chop Feed	58
Miscellaneous Feed	21
Proprietary Poultry Scratch Feed	77
Proprietary Poultry Mash Feed	154
Animal By-Product	77
Total	967

BRANDS REGISTERED

Registrations for 1929 sales were submitted by 992 manufacturing and importing firms and 1,332 licenses were issued, authorizing the sale of 4,083 brands and kinds of Feeding Stuffs. The fees received in payment of licenses were paid to the State Treasurer, as required.

The law requires that every brand and kind of Feeding Stuffs to be offered for sale during each calendar year shall be registered on or before January 1st or before being offered for sale. A license fee of $25 is required to be paid for each brand and kind of Mixed Feed and By-Product Feed, except in the case of Pure Wheat, Rye and Buckwheat Offal Mill Feeds, which are free from screenings and scourings, Pure Corn Meal "Made by grinding and bolting corn" and Pure Corn and Oats Chop, for which materials a fee of $6 is charged. Manufacturers, importers and persons whose names appear on sacks or attached cards as the manufacturers are held responsible for registration and all persons apprehended selling non-registered feeds as well as feeds which are incorrectly guaranteed are held responsible for failure to meet the requirements and are the persons against whom the law requires legal action to be taken for unlawful sales. All jobbers and dealers, therefore, making arrangements to sell feeds manufactured by others should stipulate and make sure that such feeds are properly registered for Pennsylvania sales.

CONCLUSIONS

The results of chemical analyses of all the official samples, 941 of which were guaranteed, show that 95, or 10.1 per cent., failed to meet their guarantees in protein to the extent of 1 per cent. or more and in the case of fat .5 per cent. or more or in both of these nutrients. There were 33, or 3.5 per cent., deficient in protein alone, 50, or 5.3 per cent., deficient in fat alone and 12, or 1.3 per cent., of the samples were deficient in both protein and fat. Considering these nutrients separately there were 45, or 4.8 per cent., deficient in protein and 62, or 6.6 per cent., of the samples deficient in fat. Compared with the preceding year's inspection the total proportion of deficiencies increased slightly over that of 9.9 per cent. estimated for 1928. There were many instances where the over-runs in one constituent tended to balance the deficiencies in others.

BY-PRODUCT FEEDS. In this class of Feeding Stuffs, which included Oil Cake, Distillery and Brewery and Maize By-Products, Wheat, Rye, Oat and Buckwheat Offals, the proportion of failures to meet guarantees for protein and fat was low, taking all the samples into consideration. However 5, or 20 per cent., of the samples of Cottonseed Meal, were deficient in protein and fat, 2, or 2.6 per cent., of Wheat Bran, 1, or 1.3 per cent., of Wheat Mixed Feed, 1, or 6.3 per cent., of Wheat Middlings and 3, or 23.1 per cent., of the samples of White Shorts, failed to meet their guarantees. The results of microscopical examinations of this class of feeds showed, as a rule, very satisfactory conditions as all of the samples in each class, with the exception of Wheat Mixed Feeds and Wheat Middlings, were found to be in agreement with claims made for their composition, as were set forth in their trade names or in statements of composition. In the case, however, of the Wheat Mixed Feeds 6, or 25 per cent., of the samples, and in the case of Middlings 35, or 58.8 per cent., of the samples failed to be found "as certified." Fifty of the samples of Wheat Middlings showed no claims as to classification.

ALFALFA MEAL. There were 3, or 18.8 per cent., of the samples of this class which failed to meet their guarantees in protein and fat, however all of the samples upon microscopical examination were found to be as claimed.

DRIED BEET PULP. There were only 6 samples of by-products from the manufacture of beet sugar examined, all of which were guaranteed, no deficiencies being noted, and all being found upon microscopical examination to be in agreement with claims made for their composition.

MIXED FEEDS: PROPRIETARY AND MISCELLANEOUS. There were approximately two-thirds, or 609, of the 967 official samples

which were classified as Proprietary and Miscellaneous Mixed Feeds, including Dairy Feed, Stock, Horse and Mule Feed, Calf Meal, Swine Meal, Miscellaneous Chop and Mixed Feed and Poultry Scratch and Mash Feed. Of this number, all of which with the exception of 12 samples representing guaranteed shipments, 65, or 10.9 per cent., were deficient in either protein or fat or both of these nutrients. Taking the class together the results of the microscopical examination show that 184, or 30.2 per cent., of the samples were not found to be "as certified." This proportion of feeds which failed to be composed of all of the ingredients claimed and which varied from their certified compositions is entirely too high and leaves room for considerable improvement with respect to giving purchasers of this class of materials correct information regarding composition. Of the 173 samples of Dairy Feed, all but 1 of which were guaranteed, 22, or 12.8 per cent., were deficient in protein and fat and 64, or 37.0 per cent., were found to be not as certified upon microscopical examination. Of the 60 samples of Stock, Horse and Mule Feed, 4, or 6.7 per cent., were deficient in protein and fat and 10, or 16.7 per cent., failed to contain the ingredients claimed. The 14 samples of Calf Meal included only 2, or 14.3 per cent., which were found to be deficient in fat, and 6, or 42.9 per cent., in which the list of ingredients varied from certified composition. Of the 52 samples of Swine Feed, 2 not being guaranteed, 7, or 14 per cent., were deficient in protein and fat and 25, or 48.1 per cent., were found to be not "as certified." In the Miscellaneous Chop Feeds, 5 of which were not guaranteed, 7, or 13.2 per cent., of the 58 official samples, were deficient in fat, and 11, or 19 per cent., varied in their compositions from the claims made. Of the 21 samples of Miscellaneous Feed, 3 of which were not guaranteed, 2, or 11.1 per cent., were low in protein and fat and 4, or 19 per cent., were found to be not "as certified." There were 77 samples of Poultry Scratch Feed, 7, or 9.1 per cent., being deficient in protein and fat, and 10, or 13 per cent. of them did not contain all of the ingredients claimed. The Mash Feed type of Poultry mixtures was represented by 154 samples, 1 being not guaranteed, 14, or 9.2 per cent., of which failed to meet their guarantees for protein and fat. The results of examination for ingredients claimed showed that 54, or 35.1 per cent., of the samples were not "as certified," a very large proportion of which were misrepresented as to composition. The guarantees for crude fiber in these various types of Mixed Feeds were, as a rule, closely adhered to. The overages which occurred were in most cases not serious. Where a microscopical examination of the composition of the samples showed every ingredient to be included, as claimed, they were reported as being "as certified." Where any variations from the claims made were discovered the additional ingredients included or those not detected

were reported accordingly. The failures to meet certified compositions included for the most part the presence of additional ingredients such as Ground Grain Screenings, Cocoa Shell Meal, Malt Sprouts, Corn Distillers Grains, Corn Oil Cake Meal, Corn, Oats, Barley, Wheat, Buckwheat and Maize By-Product Feeds, small amounts of ground and unground weed seeds, mineral ingredients and Salt. There were only a few cases where ingredients claimed were not detected and these included Corn Gluten Feed, Corn Gluten Meal, Bone, Cocoa Meal, Wheat Germ Meal, Cane Molasses, Corn Distillers Grains, Oat Feed, Corn Flour, Corn Oil Cake Meal, Alfalfa Leaf Meal, Sunflower Seed and mineral ingredients and Salt.

ANIMAL BY-PRODUCTS. This class of Feeding Stuffs included 77 samples of Meat and Bone Scrap, Fish Scrap, Tankage and Poultry Bone and of this number 15, or 19.5 per cent., were deficient in protein and fat and there were 17, or 22.1 per cent., which were found to be not in agreement with claimed statements of composition.

RETAIL SELLING PRICES. The estimated retail selling prices for the several classes of Feeding Stuffs were lower in many instances than the prices estimated for the classes included in the 1928 report, which prices were higher in each class than those prevailing for the 1927 inspection, except in the case of Corn Gluten Meal, Wheat Germ Middlings and Poultry Bone. These average retail values, which will be found in Table II, cannot be considered an accurate index of the prevailing prices under all conditions, especially in those cases where only a small number of samples were included, however in those feeds where a larger number of shipments represented by samples selected are included the estimated values will give the approximate values prevailing during 1929. In order that these values may be compared the following estimated average tonnage retail prices reported as prevailing for 1929 and 1928 respectively for certain classes of feeds will be of interest as follows: Cottonseed Meal, $60.60, $62.11; Linseed Oil Meal, $66.21, $61.20; Brewers Dried Grains, $42.00, $47.57; Corn Gluten Meal, $68.00, $58.00; Corn Gluten Feed, $50.83, $50.47; Hominy Feed, $47.67, $50.25; Corn Feed Meal, $48.00, $52.20; Wheat Bran, $41.53, $45.78; Wheat Mixed Feed, $44.00, $47.14; Wheat Standard Middlings, $41.69, $46.34; Wheat Flour Middlings, $47.46, $49.38; Alfalfa Meal, $62.50, $54.54; Dried Beet Pulp, $50.50, $51.84; Dairy Feed, $51.57, $54.00; Stock, Horse and Mule Feed, $49.29, $46.90; Calf Meal, $100.00, $80.80; Swine Feed, $58.53, $61.11; Poultry Scratch Feed, $56.26, $62.49; Poultry Mash Feed, $67.54, $74.07; Meat and Bone Scrap, $81.88, $90.33; Fish Scrap, $81.80, $91.20; Tankage, $79.31, $83.10; Poultry Bone, $73.67, $65.00.

It will be noted in the case of the Mixed Feeds that the Dairy Feeds averaged less in retail selling prices than reported for the same classes sold during 1928.

In Table I will be found the Classification of Samples Analyzed and Summary of Deficiencies; in Table II Average Analyses and Retail Prices, and in Table III will be found in detail the results of chemical analyses and microscopical examinations for each sample received, together with brand and trade names, name and addresses of manufacturers, importers and selling agents, according to the classification shown in Table I.

ACKNOWLEDGMENTS

Mr. V. B. Hausknecht, First Assistant Chemist, in charge of the Chemical Laboratory, had immediate supervision of the analytical and clerical work. Mr. H. E. Gensler, Assistant Chemist and Micro-Analyst, had charge of the reception of all official samples, made duplicate or check analyses, where required, examined each sample microscopically for ingredients and had supervision over the reception and approval of Feeding Stuffs registrations incident to issuing of licenses. The following Assistant Chemists took part in the analytical work: Messrs. Frank B. Williams, Claude R. Engle and Joseph N. Loehle. The samples were prepared for analysis by Myrle W. Copeland, Laboratory Assistant.

TABLE I—CLASSIFICATION OF SAMPLES ANALYZED AND SUMMARY OF DEFICIENCIES

Name of Feeding Stuffs	Number of samples analyzed	Number of samples guaranteed	Deficient in protein and fat	Deficient in protein alone	Deficient in fat alone
Cottonseed Meal,	25	25	1	4	--------
Cottonseed Feed,	1	1	--------	--------	--------
Linseed Oil Meal,	19	19	--------	--------	--------
Cocoanut Oil Meal,	1	1	--------	--------	--------
Distillers' Dried Grains,	1	1	--------	--------	--------
Brewers' Dried Grains,	1	1	--------	--------	--------
Corn Gluten Meal,	2	2	--------	--------	--------
Corn Gluten Feed,	11	10	--------	--------	--------
Hominy Feed,	9	9	--------	--------	--------
Corn Feed Meal,	3	3	--------	--------	--------
Wheat Bran,	84	77	--------	1	1
Mixed Feed—Wheat By-Products,	8	8	--------	--------	1
Wheat Standard Middlings,	16	16	--------	1	--------
Wheat Flour Middlings,	35	32	--------	--------	--------
Wheat Germ Middlings,	1	1	--------	--------	--------
Gray Shorts,	4	4	--------	--------	--------
White Shorts,	15	13	--------	1	2
Low Grade Flour,	14	14	--------	--------	--------
Rye Middlings,	1	1	--------	--------	--------
Oat Feed,	6	6	--------	--------	--------
Buckwheat Middlings,	2	1	--------	--------	--------
Alfalfa Meal,	16	16	--------	2	1
Dried Beet Pulp,	6	6	--------	--------	--------
Proprietary Dairy Feed,	173	172	4	5	13
Proprietary Stock, Horse and Mule Feed,	60	60	--------	1	3
Proprietary Calf Meal,	14	14	--------	--------	2
Proprietary Swine Feed,	52	50	--------	2	5
Proprietary and Miscellaneous Chop Feed,	58	53	--------	--------	7
Miscellaneous Feed,	21	18	1	--------	1
Proprietary Poultry Feed:					
Scratch Feed,	77	77	1	--------	6
Mash Feed,	154	153	3	7	4
Animal By-Products:					
Meat and Bone Scrap,	53	53	1	6	--------
Fish Scrap,	5	5	--------	1	--------
Tankage,	16	16	1	2	3
Poultry Bone,	3	3	--------	--------	1
	967	941	12	33	50

TABLE II—AVERAGE ANALYSES AND RETAIL PRICES

Name of Feeding Stuffs	Number of samples analyzed	Protein	Fat	Fiber	Price per ton
		%	%	%	$
Cottonseed Meal,	25	41.51	7.01	8.62	60.60
Cottonseed Feed,	1	38.13	6.07	11.05	60.00
Linseed Oil Meal,	19	34.62	5.96	7.99	66.21
Cocoanut Oil Meal,	1	19.25	8.74	8.84	39.00
Distillers' Dried Grains,	1	30.00	10.49	9.18	65.00
Brewers' Dried Grains,	1	20.88	6.66	14.65	42.00
Corn Gluten Meal,	2	41.91	2.32	3.14	68.00
Corn Gluten Feed,	11	25.78	2.10	7.61	50.83
Hominy Feed,	9	10.91	6.24	4.33	47.67
Corn Feed Meal,	3	10.11	4.95	2.99	48.00
Wheat Bran,	84	16.26	4.76	9.23	41.53
Mixed Feed—Wheat By-Products,	8	16.73	5.13	7.67	44.00
Wheat Standard Middlings,	16	16.48	5.34	7.95	41.69
Wheat Flour Middlings,	35	17.09	4.96	5.08	47.46
Wheat Germ Middlings,	1	28.38	10.08	2.16	58.00
Gray Shorts,	4	17.27	5.46	6.32	45.50
White Shorts,	15	16.06	4.04	3.70	47.80
Low Grade Flour,	14	17.65	4.56	2.40	54.14
Rye Middlings,	1	16.50	3.24	5.89	35.00
Oat Feed,	6	7.52	2.67	24.56	30.83
Buckwheat Middlings,	2	34.57	9.15	5.66	45.00
Alfalfa Meal,	16	17.59	1.88	23.74	62.50
Dried Beet Pulp,	6	9.57	0.85	18.12	50.50
Proprietary Dairy Feed,	173	23.02	4.60	9.19	51.57
Proprietary Stock, Horse and Mule Feed,	60	10.84	3.14	9.70	49.29
Proprietary Calf Meal,	14	21.88	4.71	4.42	100.00
Proprietary Swine Feed,	52	19.36	4.74	6.41	58.53
Proprietary Poultry Feed:					
Scratch Feed,	77	10.96	2.81	2.49	56.26
Mash Feed,	154	19.21	5.22	5.73	67.54
Animal By-Products:					
Meat and Bone Scrap,	53	50.57	11.50	1.81	81.88
Fish Scrap,	5	55.83	9.53	1.42	81.80
Tankage,	16	55.63	8.81	2.12	79.31
Poultry Bone,	3	26.50	3.42	3.54	73.67

KEY TO TABLES SHOWING ANALYSES OF OFFICIAL SAMPLES

Each sample received was analyzed for protein, fat and fiber and examined microscopically in order to determine the correctness of guarantees and lists of ingredients and for the purpose of detecting the presence of inferior or prohibited materials. The results of chemical and microscopical examinations are included in Table III, according to classification shown in Table I. Where two or more samples of the same class or kind are included the results of analyses and retail selling values were averaged. The brand names, names and addresses of Manufacturers, Importers and Selling Agents are shown in alphabetical order under each classification. In addition to the results of analyses the guarantees found printed upon sacks, attached cards or upon cards attached to bins where bulk sales were made, together with guaranteed compositions, are also shown. In those cases where the protein was found to be 1 per cent or more below and the fat .50 per cent, or more below the guarantees, they were considered deficient. Each sample was given a number, which are shown in the first and last columns.

The several classes of Feeding Stuffs will be found in Table III under the following general headings and sub-headings:

OIL CAKE PRODUCTS including Cottonseed Meal, Cottonseed Feed, Old Process Linseed Oil Meal and Cocoanut Oil Meal.

DISTILLERY AND BREWERY BY-PRODUCTS including Distillers' Dried Grains and Brewers' Dried Grains.

MAIZE BY-PRODUCTS including Corn Gluten Meal, Corn Gluten Feed, Hominy Feed and Corn Feed Meal.

WHEAT OFFALS (with and without Ground Grain Screenings) including Wheat Bran, Wheat Mixed Feed:—Wheat By-Products, Standard Middlings, Flour Middlings, Germ Middlings, Gray Shorts, White Shorts and Low Grade Flour.

RYE OFFALS including Rye Middlings.

OAT BY-PRODUCTS including Oat Feed.

BUCKWHEAT OFFALS including Buckwheat Middlings.

ALFALFA MEAL.

DRIED BEET PULP.

MIXED FEEDS: PROPRIETARY AND MISCELLANEOUS including Proprietary Dairy Feed, Proprietary Stock, Horse and Mule Feed, Proprietary Calf Meal, Proprietary Swine Feed, Proprietary and Miscellaneous Chop Feed, Miscellaneous Feed and Proprietary Poultry Scratch Feed and Mash Feed.

ANIMAL BY-PRODUCTS including Meat and Bone Scrap, Fish Scrap, Tankage and Poultry Bone.

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	OIL CAKE PRODUCTS				
	COTTONSEED MEAL				
	ASHCRAFT-WILKINSON COMPANY, ATLANTA, GA.		%	%	%
8094	Helmet Brand Prime,	Charles Werner & Co., Pine Grove.	40.50	41.00	7.78
7350	Monarch Brand Prime,	J. O. Reed Estate, Philipsburg.	42.88	43.00	6.74
	F. W. BRODE CORPORATION, MEMPHIS, TENN.				
8287	Owl Brand 41% Prime,	Fry Milling Co., Cresson,	42.06	41.00	6.74
7923	Owl Brand 41% Prime,	M. E. Herr, Watsontown,	41.13	41.00	6.80
7960	Owl Brand 41% Prime,	Pine Grove Flour & Feed Mill, Russell.	41.44	41.00	6.84
7234	Owl Brand 41% Prime,	Stemler Brothers, East Mauch Chunk.	41.06	41.00	7.85
7341	Owl Brand 43% Prime,	Farmers Exchange, Indiana,	42.31	43.00	6.63
	THE BUCKEYE COTTON OIL CO., CINCINNATI, OHIO.				
8177	Prime,	Oil City Milling Co., Oil City.	42.94	41.00	7.32
	HUMPHREYS-GODWIN COMPANY, MEMPHIS, TENN.				
7964	Bull Brand,	L. A. Glessman, Conneautville.	41.25	43.00	7.24
7593	Bull Brand,	The Mifflinburg Farmers Exchange, Inc., Mifflinburg.	41.88	43.00	7.54
7230	Bull Brand,	Titusville City Mills, Titusville.	37.38	43.00	6.28
7219	Dixie Brand,	Davidson Brothers, Bedford.	42.00	41.12	7.17
7408	Dixie Brand,	Gates Granary, Kittanning,	41.75	41.12	6.49
7336	Dixie Brand,	L. M. Lewis, Indiana,	40.31	41.12	6.31
7612	Dixie Brand,	Mack Brothers, East Titusville.	40.31	41.12	7.15
	L. B. LOVITT & CO., MEMPHIS, TENN.				
8236	Lovit Brand 41%,	Lycoming Flour Mills, Williamsport.	42.19	41.00	6.78
7443	Lovit Brand 41%,	Swope Brothers, Johnstown,	42.44	41.00	7.63
7426	Lovit Brand 41%,	E. E. Wentz, Lock Haven,	42.38	41.00	7.04
7243	Lovit Brand 43%,	J. E. Pritts, Scottdale,	40.19	43.00	7.55
7190	Lovit Brand 43%,	Wisehaupt Sons & Co., Port Royal.	42.56	43.00	6.91
	MARIANNA SALES CO., MEMPHIS, TENN.				
7553	White Mule Brand Prime 41%,	W. E. Custer, Milton,	41.06	41.00	6.54
7422	White Mule Brand Prime 41%,	A. C. Myers, Lock Haven,	40.25	41.00	6.25
7465	White Mule Brand 43%,	Kline Grain Company, Shelocta.	43.00	43.00	7.75
7582	White Mule Brand 43%,	The Mifflinburg Farmers Exchange, Inc., Mifflinburg.	44.06	43.00	8.10

FEEDING STUFFS COLLECTED IN 1929

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
5.50	8.70	10.00	3.25	Made from upland cottonseed,	As certified,	8094
6.00	8.00	10.00	3.35	Made from upland cottonseed,	As certified,	7 50
5.00	8.37	10.00	-------	Prime cottonseed meal,	As certified,	8287
5.00	10.32	10.00	2.65	Made from cottonseed,	As certified,	7923
5.00	7.98	10.00	2.60	Made from cottonseed,	As certified,	7969
5.00	7.39	10 00	3.00	Made from cottonseed,	As certified,	7234
5 00	8.37	10.00	3.40	Made from cottonseed,	As certified,	7341
6.50	8.61	10.00	58.00	Cottonseed meal,	As certified,	8177
5.00	9.05	10.00	2.75	Made from pressed cottonseed,	As certified,	7964
5.00	7.81	10.00	2.65	Made from pressed cottonseed,	As certified,	7593
5.00	10.11	10.00	3.10	Made from pressed cottonseed,	As certified,	7230
5.00	8.45	10.00	3.25	Made from pressed cottonseed,	As certified,	7219
5.00	9.26	10.00	3.10	Made from pressed cottonseed,	As certified,	7408
5.00	8.25	10.00	3.25	Made from pressed cottonseed,	As certified,	7336
5.00	10.01	10.00	2.80	Made from pressed cottonseed,	As certified,	7612
6.00	9.43	10.00	55.00	Cottonseed meal,	As certified,	8236
6.00	6.55	10.00	60.00	Cottonseed meal,	As certified,	7443
6.00	8.04	10.00	60.00	Cottonseed meal,	As certified,	7426
6.00	10.04	10.00	3.30	Cottonseed meal,	As certified,	7243
6.00	7.80	10.00	3.10	Cottonseed meal,	As certified,	7190
6.00	8.62	10.00	2.75	Made from cottonseed,	As certified,	7553
6.00	9.41	10.00	3.35	Made from cottonseed,	As certified,	7422
6.00	7.89	10.00	3.40	Made from cottonseed,	As certified,	7465
6.00	7.17	10.00	2.65	Made from cottonseed,	As certified,	7582

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	RALSTON-PURINA CO., INC., ST. LOUIS, MO.		%	%	%
7385	Cottonseed Meal,	Ritters Mill, St. Marys,	40.50	43.00	5.81
		Average,	41.51	-------	7.01
	COTTONSEED FEED				
	HUMPHREYS-GODWIN COMPANY, MEMPHIS, TENN.				
7368	Danish Brand,	R. F. Swartz, Bowmanstown.	38.13	36.00	6.07
	ARCHER-DANIELS MIDLAND COMPANY, MINNEAPOLIS, MINN.				
7910	Linseed Meal, Triple Value,	Cochranton Cooperative Association, Cochranton.	34.06	34.00	5.29
7894	Linseed Meal, Triple Value,	Dillsburg Grain & Milling Co., Dillsburg.	36.31	34.00	4.80
8109	Linseed Meal, Triple Value,	A. L. Heckman, Shippensburg.	34.81	34.00	5.23
7671	Linseed Meal, Triple Value,	Jonestown Roller Mills, Orangeville.	35.50	34.00	5.09
7513	Linseed Meal, Triple Value,	Kline Flour Mills Co., Brookville.	35.13	34.00	4.73
7595	Linseed Meal, Triple Value,	Horace Stroh, Hamburg,	34.75	34.00	5.11
	BISBEE LINSEED CO., CHICAGO HEIGHTS, ILL.				
7363	No. 5175-B Linseed Meal,	Cochranton Cooperative Association, Cochranton.	33.44	34.00	7.42
	HIRST & BEGLEY LINSEED WORKS, CHICAGO, ILL.				
7948	Linseed Meal,	B. V. Haefner, Wexford,	33.38	34.00	5.73
7401	Linseed Meal,	Star Milling Company, Clymer.	33.50	34.00	6.29
	KELLOGG & MILLER, INC., AMSTERDAM, N. Y.				
7349	Pure Old Process Linseed Meal,	J. O. Reed Estate, Phillipsburg.	34.88	34.00	6.81
	SPENCER KELLOGG & SONS, INC., BUFFALO, N. Y.				
8071	Kellogg's Pure Old Process Linseed Meal.	Ash Brothers, Briar Creek,	34.38	34.00	5.00
7448	Kellogg's Pure Old Process Linseed Meal.	Swope Brothers, Johnstown.	35.38	34.00	5.33
7194	Kellogg's Pure Old Process Linseed Meal.	Wisehaupt Sons & Co., Port Royal.	34.81	34.00	5.32

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
6.50	9.99	11.00	3.25	Cottonseed meal,	As certified,	7385
------	8.62	-------	60.60			
5.00	11.05	15.00	3.00	Cottonseed meal and cottonseed hulls.	As certified,	7368
5.00	8.84	9.00	3.30	Pure old process linseed meal,	As certified,	7910
5.00	8.77	9.00	65.00	Pure old process linseed meal,	As certified,	7894
5.00	7.83	9.00	65.00	Pure old process linseed meal,	As certified,	8109
5.00	7.89	9.00	3.25	Pure old process linseed meal,	As certified,	7671
5.00	7.96	9.00	3.35	Pure old process linseed meal,	As certified,	7513
5.00	7.85	9.00	50.00	Pure old process linseed meal,	As certified,	7595
6.00	8.45	9.50	3.50	Pure old process ground linseed cake.	As certified,	7363
5.00	8.73	8.00	3.75	Linseed meal,	As certified,	7948
5.00	7.76	8.00	3.50	Linseed meal,	As certified,	7401
5.00	7.10	9.00	3.60	Pure old process linseed meal,	As certified,	7349
5.00	8.01	10.00	3.10	Pure old process linseed meal,	As certified,	8071
5.00	7.55	10.00	68.00	Pure old process linseed meal,	As certified,	7448
5.00	7.46	10.00	3.25	Pure old process linseed meal,	As certified,	7194

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein Found	Protein Guaranteed	Fat Found
	THE MANN BROTHERS CO., BUFFALO, N. Y.		%	%	%
7557	34% Protein Pure Old Process Linseed Meal.	W. E. Custer, Milton,	34.88	34.00	6.85
7406	34% Protein Pure Old Process Linseed Meal.	Gates Granary, Kittanning,	34.38	34.00	7.17
7995	34% Protein Pure Old Process Linseed Meal.	M. J. Kane, Montrose,	34.56	34.00	6.73
7384	34% Protein Pure Old Process Linseed Meal.	Ritters Mill, St. Marys,	34.38	34.00	6.62
	PITTSBURGH PLATE GLASS CO., NEWARK, N. J.				
7592	Red Wing Triple Value Linseed Meal, Pure Old Process.	The Mifflinburg Farmers Exchange, Inc., Mifflinburg.	34.50	32.00	6.71
	THE SHERWIN-WILLIAMS CO., CLEVELAND, OHIO.				
8232	S-W-C Linseed Meal 34% Protein,	Fay Milling Co., Hollidaysburg.	34.81	34.00	7.00
		Average,	34.62	-------	5.96
	COCOANUT OIL MEAL.				
	THE PROCTOR & GAMBLE CO., CINCINNATI, OHIO.				
7916	P & G Cocoanut Oil Meal,	Union Coal & Supply Co., Union City.	19.25	20.00	8.74
	DISTILLERY AND BREWERY BY-PRODUCTS				
	DISTILLERS' DRIED GRAINS				
	THE DEWEY BROTHERS CO., BLANCHESTER, OHIO.				
8252	Eagle 3 D Deweys Distillers Dried Grains.	Cooperative Grange Milling Co., Titusville.	30.00	30.00	10.49
	BREWERS' DRIED GRAINS				
	T. A. HAUSCHEL, CHICAGO, ILL.				
413	Brewers' Dried Grains,	J. A. Gualt & Company, Kittanning.	20.88	21.00	6.66
	MAIZE BY-PRODUCTS CORN GLUTEN MEAL				
	CORN PRODUCTS REFINING CO., NEW YORK, N. Y.				
7571	Diamond,	The Hex Milling Co., Shamokin.	42.19	40.00	2.15
7446	Diamond,	Swope Brothers, Johnstown,	41.63	40.00	2.49
		Average,	41.91	-------	2.32

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
6.00	7.64	10.00	3.25	Pure old process linseed meal,	As certified,	7557
6.00	7.61	10.00	3.50	Pure old process linseed meal,	As certified,	7403
6.00	8.95	10.00	63.00	Pure old process linseed meal,	As certified,	7995
6.00	7.77	10.00	3.50	Pure old process linseed meal,	As certified,	7384
5.00	7.55	9.00	3.10	Pure old process linseed meal,	As certified,	7592
5.00	8.14	10.00	68.00	Pure old process linseed meal,	As certified,	8232
------	7.99	-------	66.21			
6.00	8.84	11.00	39.00	Made from dried cocoanut meats,	As certified,	7916
10.00	9.18	13.00	65.00	Made principally from corn,	As certified,	8252
6.00	14.65	18.00	2.10	Brewers' dried grains,	As certified,	7413
1.00	3.06	4.00	3.30	Corn gluten meal,	As certified,	7571
1.00	3.23	4.00	70.00	Corn gluten meal,	As certified,	7446
------	3.14	-------	68.00			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	CORN GLUTEN FEED				
	AMERICAN MAIZE PRODUCTS CO., ROBY, IND.		%	%	%
8074	Cream of Corn,	Ash Brothers, Briar Creek,	26.94	23.00	3.18
	CORN PRODUCTS REFINING CO., NEW YORK, N. Y.				
8110	Buffalo,	A. L. Heckman, Shippensburg.	27.38	23.00	2.24
8234	Buffalo,	Lycoming Flour Mills, Williamsport.	28.19	-------	1.90
8004	Buffalo,	Parks & Woodruff, Montrose,	26.13	23.00	2.31
8245	Buffalo,	Stemler Brothers, East Mauch Chunk.	26.31	23.00	2.36
	PENICK & FORD LTD., INC., CEDAR RAPIDS, IOWA.				
8259	Douglas,	H. C. Beerits Sons, Somerset.	23.81	23.00	1.56
7551	Douglas,	W. E. Custer, Milton,	27.31	23.00	1.99
8286	Douglas,	Fry Milling Co., Cresson,	23.94	23.00	2.39
7947	Douglas,	B. V. Haefner, Wexford,	22.38	23.00	1.80
	A. E. STALEY MANUFATURING CO., DECATUR, ILL				
7750	Staley's	C. E. Bates, Honesdale,	24.19	23.00	2.29
7447	Staley's	Swope Brothers, Johnstown,	27.00	23.00	1.13
		Average,	25.78	-------	2.10
	HOMINY FEED				
	DECATUR MILLING CO., DECATUR, ILL.				
7479	Homco,	Schrimper Brothers, Erie,	11.06	10.00	7.90
	KELLOGG COMPANY, BATTLE CREEK, MICH.				
8013	White,	Parks & Woodruff, Montrose.	10.13	10.00	7.05
7373	White,	C. L. Shipman & Sons, Williamsport.	11.31	10.00	5.86
	PRATT FOOD COMPANY, INC., BUFFALO, N. Y.				
7423	Pratt's Yellow,	A. C. Myers, Lock Haven,	12.63	10.00	6.28

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
2.00	8.20	8.50	2.60	Corn gluten feed,	As certified,	8074
2.00	7.74	8.50	50.00	Corn gluten feed,	As certified,	8110
------	6.74	-------	48.00	Corn gluten feed,	As certified,	82[illegible]4
2.00	7.39	8.50	46.00	Corn gluten feed,	As certified,	8004
2.00	7.17	8.50	2.55	Corn gluten feed,	As certified,	8245
1.00	8.85	8.00	51.00	Corn gluten feed,	As certified,	8259
1.00	6.96	8.00	2.75	Corn gluten feed,	As certified,	7551
1.00	7.54	8.00	2.65	Corn gluten feed,	As certified,	8[illegible]86
1.00	8.97	8.00	2.75	Corn gluten feed,	As certified,	7947
1.00	8.43	8.00	40.10	Corn guten feed,	As certified,	7,59
1.00	5.80	8.00	58.00	Corn gluten feed,	As certified,	7447
------	7.61	-------	50.83			
7.00	3.87	6.00	44.00	Made from white corn,	As certified,	7479
6.00	3.92	5.00	48.00	Made from pure white corn,	As certified,	8013
6.00	4.03	5.00	48.00	Made from pure white corn,	As certified.	7373
4.00	4.58	6.00	2.25	Yellow hominy feed.	As certified.	7423

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein Found	Protein Guaranteed	Fat Found
	THE QUAKER OATS COMPANY, CHICAGO, ILL.		%	%	%
8235	Hominy Feed,	Lycoming Flour Mills, Williamsport.	11.25	10.00	5.38
8037	White Hominy Feed,	J. G. Snaveley & Son, Landisville.	10.50	10.50	6.45
7794	Yellow Hominy Feed,	Z. L. Brothers, Ebensburg,	10.88	10.50	5.82
7619	Yelow Hominy Feed,	C. G. Shingledecker, Clarion,	10.00	10.50	5.13
8036	Yellow Hominy Feed,	J. G. Snavely & Son, Landisville.	10.44	10.50	6.27
		Average,	10.91	-------	6.24
	CORN FEED MEAL				
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
7853	Corn Feed Meal,	E. S. Miller, Paxtonia,	9.44	8.00	5.08
	CHAS. A. KRAUSE MILLING CO., MILWAUKEE, WIS.				
7802	Corn Feed Meal,	James McNelis, Hastings,	9.50	9.50	5.11
	WASHBURN-CROSBY COMPANY, INC., MINNEAPOLIS, MINN.				
7303	Gold Medal,	J. T. Murphy, Clearfield,	11.38	9.00	4.66
		Average,	10.11	-------	4.95
	WHEAT OFFALS				
	WHEAT BRAN				
	(With and without Ground Grain Screenings) ACME-EVANS COMPANY, INDIANAPOLIS, IND.				
7788	Pure Acme Bran,	W. S. Wineland, McKee,	16.00	15.50	4.23
	ASH BROTHERS, BRIAR CREEK, PA.				
8076	Pure Wheat Bran,	Ash Brothers, Briar Creek,	14.88	14.19	3.85
	BAY STATE MILLING CO., WINONA, MINN.				
7843	Wingold Pure Hard Wheat Bran,	F. W. Smith, Fleming,	16.81	14.00	5.63
	BELLEVILLE FLOUR MILLS CO., BELLEVILLE, PA.				
7282	Pure Bran,	Belleville Flour Mills Co., Belleville.	17.94	14.50	4.78

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
5.00	4.39	8.00	46.00	Hominy feed,	As certified,	8235
5.00	5.32	6.00	49.00	White hominy feed,	As certified,	8037
5.00	5.30	6.00	50.00	Yellow hominy feed,	As certified,	7794
5.00	3.53	6.00	2.50	Yellow hominy feed,	As certified,	7619
5.00	4.06	6.00	49.00	Yellow hominy feed,	As certified,	8036
------	4.33	-------	47.67			
3.00	2.77	4.00	2.60	Corn feed meal,	As certified,	7853
5.00	3.20	4.50	42.00	Made from yellow corn,	As certified,	7802
4.00	3.00	5.00	2.50	Corn feed meal,	As certified,	7303
------	2.99	-------	48.00			
3.75	8.92	10.00	2.15	Pure bran,	As certified,	7788
4.04	8.76	9.36	2.10	Pure wheat bran,	As certified,	8076
4.75	10.30	13.00	2.00	Pure wheat bran,	As certified,	7843
3.50	8.40	11.00	2.10	Pure wheat bran,	As certified,	7282

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	BENNETT, CRAFT & KAUFFMAN, ST. LOUIS, MO.		%	%	%
7223	Ideal Wheat Bran,	Riverside Mills, Oil City,	16.63	14.00	4.90
	BOYER FEED COMPANY, BEAVER SPRINGS, PA.				
7682	Pure Wheat Bran,	Boyer Feed Company, Beaver Springs.	16.63	15.00	3.92
	BUFFALO FLOUR MILLS CORPORATION, BUFFALO, N. Y.				
7561	Wheat Bran with Ground Screenings not Exceeding Mill Run.	W. E. Custer, Milton,	17.38	14.50	5.94
	CANNON VALLEY MILLING CO., MINNEAPOLIS, MINN.				
7842	Cannon Valley Pure Wheat Bran,	F. W. Smith, Fleming,	15.19	14.50	5.74
	CLARO MILLING CO., MINNEAPOLIS, MINN.				
7340	Claro Hard Wheat Bran,	Farmers Exchange, Indiana,	18.06	14.00	5.51
	COMMANDER MILLING COMPANY, MINNEAPOLIS, MINN.				
7710	Commander Wheat Bran with Ground Screenings not exceeding Mill Run.	Varano's Warehouse, Mt. Carmel.	15.06	14.00	5.35
	W. E. CUSTER, MILTON, PA.				
7554	Pure Wheat Bran,	W. E. Custer, Milton,	17.81	15.00	4.52
	DUFFEY & GLAZIER, WEBSTER MILLS, PA.				
7625	Wheat Bran,	Duffey & Glazier, Webster Mills.	17.88	-------	4.14
	DULUTH SUPERIOR MILLING CO., DULUTH, MINN.				
7848	Duluth Imperial Wheat Bran with Ground Screenings not exceeding Mill Run.	Roopsburg Mills, Bellefonte,	15.44	14.00	5.82
	B. A. ECKHART MILLING COMPANY, CHICAGO, ILL.				
7254	Wheat Bran with Ground Recleaned Wheat Screenings.	West Apollo Milling Co., Apollo.	16.44	14.00	4.94
	EVERETT-AUGHENBAUGH & CO., MINNEAPOLIS, MINN.				
7334	E-A Co. Hard Wheat Bran,	L. M. Lewis, Indiana,	17.81	14.00	5.88

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	7.64	9.50	45.00	Wheat bran,	As certified,	7223
4.00	8.33	10.00	2.10	Pure wheat bran,	As certified,	7682
5.00	7.78	12.00	1.90	Wheat bran with ground screenings not exceeding mill run.	As certified,	7561
4.80	10.86	11.00	2.00	Pure wheat bran,	As certified,	7842
4.00	8.96	11.50	2.25	Wheat bran,	As certified,	7340
5.00	11.15	12.00	1.90	Wheat bran with ground screenings not exceeding mill run.	As certified,	7710
4.00	8.13	8.00	1.90	Pure wheat bran,	As certified,	7554
------	6.54	-------	2.25	Wheat bran,	As certified,	7625
3.75	9.46	13.00	1.80	Wheat bran with ground screenings not exceeding mill run.	As certified,	7848
2.50	7.90	11.00	2.35	Wheat bran with ground recleaned wheat screenings not exceeding mill run.	As certified,	7254
4.00	8.55	11.50	2.25	Wheat bran,	As certified,	7234

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	THE FAIRCHILD MILLING CO., CLEVELAND, OHIO.		%	%	%
7604	Wheat Bran with Ground Screenings not Exceeding Mill Run.	Nickle Plate Flour Mills, Wesleyville.	15.75	14.00	5.35
	FEDERAL MILLING & REFRIGERATING CO., HAGERSTOWN, MD.				
8125	Federal Fancy Wheat Bran,	Marion Grain Co., Marion,	14.69	15.00	4.72
	HALL MILLING CO., ST. LOUIS, MO.				
8122	Palace Pure Wheat Bran,	Omwake Brothers, Greencastle.	16.25	15.00	4.07
	HANLEY MILLING COMPANY, MANSFIELD, OHIO.				
7478	Hanley's Pure Wheat Bran,	Schrimper Brothers, Erie,	16.38	14.00	4.10
	HEFTY MILLING COMPANY, WATSONTOWN, PA.				
7931	Wheat Bran,	Hefty Milling Company, Watsontown.	14.69	14.00	3.72
	E. HELLYER, JR., ALEXANDRIA, PA.				
7275	Wheat Bran,	E. Hellyer, Jr., Alexandria,	17.06	-------	3.44
	M. E. HERR, SCHUYLER, PA.				
7917	Pure Wheat Bran,	M. E. Herr, Watsontown,	13.94	15.00	3.50
	HUBBARD MILLING CO., MANKATO, MINN.				
7453	Fancy Pure Mother Hubbard Wheat Bran.	I. L. Duncan, New Florence,	17.19	14.00	5.80
8227	Fancy Pure Mother Hubbard Wheat Bran.	Fay Milling Co., Hollidaysburg,	17.88	14.50	5.84
	INTERNATIONAL MILLING CO., MINNEAPOLIS, MINN.				
7594	Blackhawk Pure Wheat Bran,	The Mifflinburg Farmers Exchange, Inc., Mifflinburg.	15.88	15.00	5.44
7312	Blackhawk Pure Wheat Bran,	E. F. Sphar & Co., Roscoe,	16.13	13.50	5.20
7450	Blackhawk Pure Wheat Bran,	Swope Brothers, Johnstown,	16.25	15.00	5.35
	JERSEYTOWN ROLLER MILLS, JERSEYTOWN, PA.				
7704	Pure Wheat Bran,	Jerseytown Roller Mills, Jerseytown.	15.88	14.00	4.19
	JONESTOWN ROLLER MILLS, ORANGEVILLE, PA.				
7677	Pure Wheat Bran,	Jonestown Roller Mills, Orangeville.	16.50	15.00	3.91

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
3.50	9.34	12.00	1.70	Wheat bran with ground screenings not exceeding mill run.	As certified,	7604
4.00	9.58	9.50	40.00	Wheat bran,	As certified,	8125
4.00	10.46	10.50	40.00	Pure wheat bran,	As certified,	8122
3.00	9.11	12.00	40.00	Pure wheat bran,	As certified,	7478
4.00	11.20	10.00	1.90	Wheat bran,	As certified,	7931
------	7.95	-------	2.20	Wheat bran,	As certified,	7275
3.50	11.04	9.00	1.90	Pure wheat bran,	As certified,	7917
4.50	9.25	11.00	1.85	Pure wheat bran,	As certified,	7453
4.50	9.85	11.00	42.00	Pure wheat bran,	As certified,	8227
3.20	10.23	12.00	1.75	Pure wheat bran,	As certified,	7594
3.20	9.83	12.00	39.80	Pure wheat bran,	As certified,	7312
3.20	10.00	12.00	65.00	Pure wheat bran,	As certified,	7450
4.00	8.67	10.00	2.00	Pure wheat bran,	As certified,	7704
4.00	7.43	10.00	2.00	Pure wheat bran,	As certified,	767[illegible]

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	THE KANSAS FLOUR MILLS CORPORATION, KANSAS CITY, MO.		%	%	%
7888	Big Flake Pure Wheat Bran,	Firestone & Shillito, Dillsburg.	16.25	15.00	4.60
7965	Big Flake Pure Wheat Bran,	L. A. Glessman, Conneautville.	17.44	15.00	3.82
7610	Big Flake Pure Wheat Bran,	Mack Brothers, East Titusville.	15.69	15.00	3.90
7229	Big Flake Pure Wheat Bran,	Titusville City Mills, Titusville.	17.38	15.00	4.38
	J. B. KELLEY, WASHINGTONVILLE, PA.				
7537	J. B. Kelley's Pure Wheat Bran,	J. B. Kelley, Washingtonville.	17.56	15.00	3.64
	KEYSTONE MILLS, ADERHOLD BROTHERS, HUGHESVILLE, PA.				
8029	Pure Wheat Bran,	Keystone Mills, Hughesville.	15.25	-------	4.76
	KLEPSER BROTHERS, ALTOONA, PA.				
8195	Wheat Bran,	Klepser Brothers, Altoona,	14.50	-------	4.42
	LAKEVIEW MILLING COMPANY, CHAMBERSBURG, PA.				
8132	Soft Winter Wheat Bran,	Cumberland Valley Feed & Produce Co., Chambersburg.	15.13	14.00	4.61
	MARTINSBURG MILLING CO., MARTINSBURG, PA.				
8187	Wheat Bran,	Martinsburg Milling Co., Martinsburg.	13.63	-------	4.32
	MAUSER MILL COMPANY, LAURY'S STATION, PA.				
8096	Wheat Bran with Ground Screenings not exceeding Mill Run.	Charles Werner & Co., Pine Grove.	17.50	14.00	5.85
	MIDDLE CREEK MILLING COMPANY, MIDDLE CREEK, PA.				
7689	Middle Creek Roller Mills Wheat Bran.	Middle Creek Millinig Company, Middle Creek.	17.50	14.00	4.39
	MINNEAPOLIS MILLING CO., MINNEAPOLIS, MINN.				
7464	Pure Wheat Bran,	Kline Grain Co., Shelocta,	14.88	14.00	6.36
	MONTOUR MILLS, BLOOMSBURG, PA.				
7934	Pure Wheat Bran,	Montour Mills, Bloomsburg,	14.06	12.00	3.84

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
3.50	10.68	11.00	38.00	Pure wheat bran,	As certified,	7888
3.50	10.36	11.00	1.90	Pure wheat bran,	As certified,	7965
3.50	9.96	11.00	2.00	Pure wheat bran,	As certified,	7610
3.50	8.81	11.00	2.25	Pure wheat bran,	As certified,	7229
3.00	7.80	7.00	2.25	Pure wheat bran,	As certified,	7537
------	9.52	-------	40.00	Pure wheat bran,	As certified,	8029
------	8.09	-------	50.00	Wheat bran,	As certified,	8195
4.00	8.80	9.50	41.00	Wheat bran,	As certified,	8132
------	9.82	-------	44.00	Wheat bran,	As certified,	8187
5.00	9.63	10.00	2.10	Wheat with ground screenings not exceeding mill run.	As certified,	8096
4.00	7.75	12.00	2.00	Wheat bran,	As certified,	7689
5.00	9.74	11.70	2.15	Pure wheat bran,	As certified,	7464
3.00	10.46	12.00	2.00	Pure wheat bran,	As certified,	7934

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Importer and Brand Name Name and Address of Manufacturer or	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	THE NATIONAL MILLING COMPANY, TOLEDO, OHIO.		%	%	%
7392	Pure Wheat Bran,	Thompson Brothers, Ridgway.	16.56	14.00	4.23
	THE NEBRASKA CONSOLIDATED MILLS CO., OMAHA, NEBR.				
8233	Pure Wheat Bran,	Lycoming Flour Mills, Williamsport.	17.44	15.50	4.78
	NIAGARA FALLS MILLING CO., NIAGARA FALLS, N. Y.				
8281	Niagara Choice Wheat Bran,	Fry Milling Co., Cresson,	16.50	14.00	5.96
	OGILVIE FLOUR MILLS COMPANY, WINNEPEG, CANADA.				
8131	Ogilvie's Wheat Bran,	Cumberland Valley Feed & Produce Co., Chambersburg.	15.81	15.00	5.97
7860	Ogilvie's Wheat Bran,	Hiesland & Company, Salinga.	15.44	14.00	5.45
	ORANGEVILLE MILLING CO., ORANGEVILLE, PA.				
8100	Pure Wheat Bran,	Orangeville Milling Co., Orangeville.	14.25	14.00	3.68
	PERFECTION ROLLER MILLS MAINVILLE, PA.				
7780	Pure Wheat Bran,	Perfection Roller Mills, Mainville.	15.19	14.00	4.32
	PILLSBURY FLOUR MILLS COMPANY, MINNEAPOLIS, MINN.				
7655	Pillsbury's Hard Wheat Bran and Screenings.	Grove City Flour & Feed Co., Grove City.	17.50	14.00	5.07
8012	Pillsbury's Hard Wheat Bran and Screenings.	Parks & Woodruff, Montrose.	15.69	14.00	5.01
8182	Standard Hard Wheat Bran and Screenings.	R. F. Swartz, Bowmanstown.	15.69	14.00	5.39
	RED WING MILLING CO., RED WING, MINN.				
7811	Red Wing Special Wheat Bran,	Valley Mills, Cooperstown,	15.13	13.50	5.46
	GEORGE L. REED MILLING CO., BROOKVILLE, PA.				
7510	Wheat Bran with Screenings not exceeding Mill Run.	George L. Reed Milling Co., Brookville.	16.50	14.00	5.43

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
3.00	9.06	10.00	2.25	Pure wheat bran,	As certified,	7392
3.50	7.72	11.00	42.00	Pure wheat bran,	As certified,	8233
3.50	10.21	11.00	2.15	Niagara choice wheat bran,	As certified,	8281
3.50	10.85	11.50	40.00	Wheat bran,	As certified,	8131
4.00	10.74	12.00	38.00	Wheat bran,	As certified,	7860
4.50	5.50	9.00	2.00	Pure wheat bran,	As certified,	8100
4-5	8.06	9.00	2.00	Pure wheat bran,	As certified,	7780
4.00	8.81	12.00	1.90	Hard wheat bran and ground cleaned wheat screenings not exceeding mill run.	As certified,	7655
4.00	11.30	12.00	40.00	Hard wheat bran and ground cleaned wheat screenings not exceeding mill run.	As certified,	8012
4.00	10.45	12.00	2.10	Hard wheat bran and ground cleaned wheat screenings not exceeding mill run.	As certified,	8182
4.10	12.41	15.60	1.90	Wheat bran with ground screenings.	As certified.	7811
3.00	8.99	11.00	2.10	Wheat bran with screenings not exceeding mill run.	As certified.	7510

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	THE RICHARDS & EVANS CO., CORTLAND, OHIO.		%	%	%
7357	Pure Wheat Bran,	Acme Milling Co., Cochranton.	15.00	14.00	4.09
7239	Pure Wheat Bran,	Peoples Flour & Feed Store, Scottdale.	16.00	14.00	4.38
7474	Pure Wheat Bran,	Abner R. Shaw, Apollo,	16.88	14.00	4.44
	ROBIN HOOD MILLS LTD., CALGARY, CANADA.				
7856	Superior Wheat Bran,	W. B. Beam, Paxtonia,	16.75	15.00	5.08
7980	Superior Wheat Bran,	West Manheim United Farmers Association, Hanover.	17.56	15.00	5.41
	RUSSELL-MILLER MILLING CO., MINNEAPOLIS, MINN.				
8253	Hard Wheat Occident Bran,	H. C. Beerits Sons, Somerset.	17.13	14.60	6.26
8264	Hard Wheat Occident Bran,	Carmichaels Milling Co., Carmichaels.	18.31	14.00	6.11
7609	Hard Wheat Occident Bran,	Cooperative Grange Milling Co., Titusville.	17.38	14.00	5.78
7332	Hard Wheat Occident Bran,	Edwards Brothers, Beyer,	18.60	14.00	5.91
8088	Hard Wheat Occident Bran,	Fegley & Moyer, Pine Grove.	17.69	14.00	5.96
	SAGINAW MILLING CO., SAGINAW, MICH.				
7322	Blue Bird Feed, Winter Wheat Bran,	Latrobe Feed Supply Co., Latrobe.	17.56	13.00	4.55
	F. W. SMITH, FLEMING, PA.				
7841	Wheat Bran,	F. W. Smith, Fleming,	16.88	-------	4.02
	THE SOUTHWESTERN MILLING CO., INC., KANSAS CITY, MO.				
8086	Red Turkey Pure Wheat Bran,	Fegley & Moyer, Pine Grove.	16.81	14.50	3.98
7192	Red Turkey Pure Wheat Bran,	Wisehaupt Sons & Co., Port Royal.	17.13	14.50	4.13
	E. O. SPRENKLE & SON, HELLAM, PA.				
7868	Pure Wheat Bran,	E. O. Sprenkle & Son, Hellam.	14.13	14.00	3.86
	SPRINGFIELD MILLING CO., SPRINGFIELD, MINN.				
8162	White Swan Standard Wheat Bran with Ground Screenings not exceeding Mill Run.	Meyer Milling Co., Clearfield.	17.50	15.50	5.57

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%				
4.50	9.49	10.00	44.00	Pure wheat bran,	As certified,	7357
4.50	8.79	10.00	2.10	Pure wheat bran,	As certified,	7239
4.50	9.44	10.00	2.25	Pure wheat bran,	As certified,	7474
3.50	9.16	11.50	39.00	Wheat bran,	As certified,	7856
3.50	10.10	11.50	39.00	Wheat bran,	As certified,	7980
4.00	9.52	11.50	39.00	Hard wheat occident bran,	As certified,	8253
4.00	9.00	11.50	43.00	Hard wheat occident bran,	As certified,	8264
4.00	8.98	11.50	38.00	Hard wheat occident bran,	As certified,	7669
4.00	8.80	11.50	2.25	Hard wheat occident bran,	As certified,	7352
4.00	10.41	11.50	2.00	Hard wheat occident bran,	As certified,	8083
2.70	8.65	12.40	2.10	Wheat bran,	As certified,	7322
------	7.93	------	2.00	Wheat bran,	As certified,	7841
3.50	10.03	11.00	2.00	Pure wheat bran,	As certified,	8086
3.50	9.26	11.00	2.25	Pure wheat bran,	As certified,	7192
4.00	8.54	11.00	38.00	Pure wheat bran,	As certified,	7868
4.50	9.62	10.50	2.25	Wheat bran with ground screenings not exceeding mill run.	As certified,	8162

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	STAR & CRESCENT MILLING CO., CHICAGO, ILL.		%	%	%
8226	Crescent Wheat Bran with Ground Wheat Screenings not exceeding Mill Run.	Fay Milling Co., Hollidaysburg.	16.50	14.00	4.63
7352	Crescent Wheat Bran with Ground Wheat Screenings not exceeding Mill Run.	J. O. Reed Estate, Philipsburg.	15.06	14.00	4.39
	D. A. STICKELL & SONS, HAGERSTOWN, MD.				
8121	Stickell's Pure Wheat Bran,	Omwake Brothers, Greencastle.	15.44	14.00	4.58
	F. W. STOCK & SONS, HILLSDALE, MICH.				
7804	Wheat Bran with Mill Run Screenings,	Emlenton Milling Co., Emlenton.	17.06	14.00	4.65
7323	Wheat Bran with Mill Run Screenings.	Latrobe Feed Supply Co., Latrobe.	17.56	14.00	4.50
	UNITED MILLS COMPANY, INC., GRAFTON, OHIO.				
7277	U. M. C. Wheat Bran,	E. Hellyer, Jr., Alexandria.	16.69	15.00	4.05
	VALIER & SPIES MILLING CORPORATION, MARINE, ILL.				
7734	Valier's Pure Wheat Bran,	Cooperative Honesdale G. L. F. Service, Honesdale.	16.31	14.50	4.22
	C. Y. WAGNER & COMPANY, INC., BELLEFONTE, PA.				
8048	Wagner's Pure Wheat Bran,	George F. Hess, Beech Creek.	14.81	-------	3.47
	WASHBURN-CROSBY CO., MINNEAPOLIS, MINN.				
7410	Gold Medal Hard Wheat Bran and Wheat Screenings.	A. S. Bowser, Kittanning,	16.19	14.00	4.29
7999	Gold Medal Hard Wheat Bran and Wheat Screenings.	M. J. Kane, Montrose,	15.06	14.00	5.45
	THE WESTERN STAR MILL CO., SALINA, KANSAS.				
7245	Pure Wheat Bran.	J. E. Pritts, Scottdale,	16.19	14.50	4.40
	THE WHEATENA CORPORATION, HIGHSPIRE, PA.				
7874	Winter Wheat Bran (Mill Run Screenings).	W. F. Leicht, New Cumberland.	14.25	13.00	4.43

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
3.00	10.14	12.00	42.00	Wheat bran with ground wheat screenings not exceeding mill run.	As certified,	8226
3.00	9.10	12.00	2.40	Wheat bran with ground wheat screenings not exceeding mill run.	As certified,	7352
4.00	8.58	10.00	42.00	Pure wheat bran,	As certified,	8121
3.00	7.95	10.00	36.00	Wheat bran with mill run screenings.	As certified,	7804
3.00	7.65	10.00	2.10	Wheat bran with mill run screenings.	As certified,	7323
4.00	8.89	10.00	2.20	Wheat bran,	As certified,	7277
3.50	8.91	10.50	36.00	Pure wheat bran,	As certified,	7734
------	9.05	-------	2.45	Pure wheat bran,	As certified,	8[illegible]48
4.00	9.74	12.00	2.10	Hard wheat bran and cleaned ground wheat screenings.	As certified,	7410
4.00	10.95	12.00	41.00	Hard wheat bran and mill run cleaned ground wheat screenings.	As certified,	7999
3.50	9.21	11.00	2.10	Pure wheat bran,	As certified,	7245
3.00	8.53	10.00	-------	Wheat bran with mill run screenings.	As certified,	7874

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	YORK ROLLER MILLS CO., YORK, PA.		%	%	%
7889	Pure Wheat Bran,	Firestone & Shillito, Dillsburg.	14.06	13.00	4.59
	A. H. YOUNG, BEAVERTOWN, PA.				
7687	Pure Wheat Bran,	A. H. Young, Beavertown,	17.44	15.00	3.64
		Average,	16.26	-------	4.76
	MIXED FEED—WHEAT BY-PRODUCTS (With and Without Grain Screenings)				
	THE MENNEL MILLING CO., TOLEDO, OHIO.				
7875	Fancy Bran Winter Wheat Feed,	Stanley G. Fickes, Newport,	16.00	15 00	4.44
	PILLSBURY FLOUR MILLS COMPANY, MINNEAPOLIS, MINN.				
8010	Pillsbury's Fancy Mixed Feed and Screenings.	Parks & Woodruff, Montrose.	17.56	15.00	5.66
	RUSSELL-MILLER MILLING CO., MINNEAPOLIS, MINN.				
8267	Hard Wheat Occident Mixed Feed,	Carmichaels Milling Co., Carmichaels.	18.88	15 00	6.21
7998	Hard Wheat Occident Mixed Feed,	M. J. Kane, Montrose,	16.75	15 00	5.99
7959	Hard Wheat Occident Mixed Feed,	Pine Grove Flour & Feed Mill, Russell.	17.56	15.00	5.87
	TIOGA-EMPIRE FEED MILLS, INC., WAVERLY, N. Y.				
7997	Neverfail Mixed Feed with Mill Run Ground Screenings.	M. J. Kane, Montrose,	16.31	15.00	4.97
	UNITED MILLS COMPANY, INC., GRAFTON, OHIO.				
7962	V. M. C. Wheat Mixed Feed,	Albert Herrick, Russell,	17.25	15.50	4.55
	THE WHEATENA CORPORATION, HIGHSPIRE, PA.				
7854	Wheat Mixed Feed,	E. S. Miller, Paxtonia,	13.50	13.00	3.32
		Average,	16.73	-------	5.13

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.40	9.16	9.80	40.00	Pure wheat bran,	As certified,	7889
4.00	8.65	10.00	2.30	Pure wheat bran,	As certified,	76 7
------	9.23	-------	41.53			
4.00	10.11	9.50	42.00		Wheat bran and middlings,	7875
4.00	6.38	8.50	45.00	Wheat reddog, hard wheat bran with ground cleaned wheat screenings not exceeding mill run.	As certified,	8010
4.50	7.43	9.50	45.00	Mill run bran, middlings and reddog.	As certified,	8267
4.50	7.66	9.50	45.00	Mill run bran, middlings and reddog.	As certified,	7998
4.50	7.05	9.50	2.15	Mill run bran, middlings and reddog.	As certified,	7959
4.12	7.24	9.00	47.00	Wheat bran, wheat middlings and wheat flour with mill run ground screenings.	As certified,	7997
6.00	7.73	8.50	43.00	Wheat bran and middlings feed with ground screenings not exceeding mill run.	As certified,	7962
3.00	7.80	7.50	2.10		Wheat bran and middlings.	7854
------	7.67	-------	44.00			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	WHEAT MIDDLINGS				
	(With and without Ground Grain Screenings)				
	WHEAT STANDARD MIDDLINGS				
	ATKINSON MILLING COMPANY, MINNEAPOLIS, MIN.		%	%	%
7736	Atkinson's Wheat Standard Middlings with Ground Screenings not exceeding Mill Run.	Cooperative Honesdale G. L. F. Service, Honesdale.	16.81	15.00	5.13
	COMMANDER MILLING COMPANY, MINNEAPOLIS, MINN.				
7313	Commander Wheat Standard Middlings with Ground Screenings not exceeding Mill Run.	E. F. Sphar & Co., Roscoe,	14.38	14.50	5.18
7709	Commander Wheat Standard Middlings with Ground Screenings not exceeding Mill Run.	Varano's Warehouse, Mt. Carmel.	14.81	14.00	5.17
	EAGLE ROLLER MILL COMPANY, NEW ULM, MINN.				
7353	Eagle Wheat Standard Middlings with Screenings.	J. O. Reed Estate, Philipsburg.	16.31	15.00	5.00
	B. A. ECKHART MILLING CO., CHICAGO, ILL.				
7503	Standard Wheat Middlings with Ground Reelcaned Wheat Screenings.	Center Milling Company, Philipsburg.	16.19	15.00	4.70
	HUBBARD MILLING COMPANY, MANKATO, MINN.				
7454	Standard Mother Hubbard Wheat Fine Middlings with Screenings.	I. L. Duncan, New Florence,	17.00	15.00	6.01
7240	Standard Mother Hubbard Wheat Fine Middlings with Screenings.	George S. McCurdy, Scottdale.	17.00	15.50	5.57
	INTERNATIONAL MILLING CO., MINNEAPOLIS, MINN.				
7901	Blackhawk Wheat Standard Middlings with Screenings not exceeding Mill Run.	W. B. Barnitz, Carlisle, ---	16.81	16.00	5.51
	THE NATIONAL MILLING COMPANY TOLEDO, OHIO.				
8070	Namico Middlings with Ground Screenings not exceeding Mill Run.	Ash Brothers, Briar Creek, -	14.81	16.00	4.16

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	6.74	9.50	36.00	Wheat standard middlings with ground screenings not exceeding mill run.	As certified,	7736
5.00	11.06	9.50	35.80	Wheat standard middlings with ground screenings not exceeding mill run.	As certified,	7313
5.00	10.37	9.50	1.90	Wheat standard middlings with ground screenings not exceeding mill run.	As certified,	7709
4.00	7.12	9.50	2.50	Wheat standard middlings with screenings.	As certified,	7353
3.00	6.71	9.50	2.35	Standard wheat middlings with ground recleaned wheat screenings.	As certified,	7503
5.00	9.43	9.50	1.95	Standard wheat middlings with ground screenings not exceeding one-half mill run.	As certified,	7454
5.00	8.71	9.50	2.20	Standard wheat middlings with ground screenings not exceeding one-half mill run.	As certified,	7240
4.50	8.60	8.50	41.00	Wheat standard middlings with screenings not exceeding mill run.	As certified,	7901
3.50	6.95	9.00	2.30	Wheat middlings with ground screenings not exceeding mill run.	As certified,	8070

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	THE NORTHWESTERN CONSOLIDATED MILLING CO., MINNEAPOLIS, MINN.		%	%	%
7833	Wheat Standard Middlings with Ground Wheat Screenings not exceed-Mill Run.	Western Feed Co., Wilkes-Barre.	16.75	15.00	6.90
	PILLSBURY FLOUR MILLS COMPANY, MINNEAPOLIS, MINN.				
8158	Pillsbury's Hard Wheat Standard B Middlings and Screenings.	A. J. Dean & Son, Hawthorn.	16.31	15.00	5.82
7314	Pillsbury's Hard Wheat Standard B Middlings and Screenings.	J. B. Hayward & Son, Monongahela.	16.81	15.00	5.40
7830	Pillsbury's Hard Wheat Standard B Middlings and Screenings.	West Linden Mill & Grain Co., Scranton.	17.50	15.00	5.58
	F. W. STOCK & SONS, HILLSDALE, MICH.				
7327	Middlings made from Pure Wheat, --	Latrobe Feed Supply Co., Latrobe.	17.06	16.00	4.32
	WASHBURN-CROSBY CO., MINNEAPOLIS, MINN.				
8057	Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings.	H. H. McKibben, Mill Hall.	17.94	15.00	5.41
8043	Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings.	Muth Brothers, Elizabethtown.	17.19	15.00	5.51
		Average, ----------	16.48	-------	5.34
	WHEAT FLOUR MIDDLINGS				
	ASH BROTHERS, BRIAR CREEK, PA.				
8075	Pure Wheat Middlings, ----------	Ash Brothers, Briar Creek,	14.50	13.94	3.80
	BELLEVILLE FLOUR MILLS CO., BELLEVILLE, PA.				
7283	Pure Wheat Middlings, ----------	Belleville Flour Mills Co., Belleville.	17.56	15.00	4.57
	BIG DIAMOND MILLS CO., MINNEAPOLIS, MINN.				
8231	Big Diamond Wheat Flour Middlings with Ground Screenings not exceeding Mill Run.	Fay Milling Co., Hollidaysburg.	17.63	16.00	5.25

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	8.58	9.50	40.00	Wheat standard middlings with ground wheat screenings not exceeding mill run.	As certified, ----------	7833
4.00	8.34	9.50	2.10	Hard wheat standard middlings and ground cleaned wheat screenings not exceeding mill run.	As certified, ----------	8158
4.00	6.61	9.50	42.50	Hard wheat standard middlings and ground wheat screenings not exceeding mill run.	As certified, ----------	7314
4.00	7.58	9.50	40.00	Hard wheat standard middlings and ground wheat screenings not exceeding mill run.	As certified, ----------	7830
4.00	5.64	7.00	2.10	----------	Wheat standard middlings.	7327
4.00	7.50	9.50	-------	Hard wheat standard middlings and mill run cleaned ground wheat screenings.	As certified, ----------	8057
4.00	7.37	9.50	42.00	Hard wheat standard middlings and mill run cleaned ground wheat screenings.	As certified, ----------	804
------	7.95	-------	41.69			
3.51	4.98	4.86	2.30	----------	Wheat flour middlings	8075
3.00	4.86	10.00	2.40	----------	Wheat flour middlings	7283
5.00	6.54	6.00	52.00	Wheat flour middlings with ground screenings not exceeding mill run.	As certified, ----------	8231

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	COMMANDER MILLING COMPANY, MINNEAPOLIS, MINN.		%	%	%
7354	Commander Wheat Flour Middlings with Ground Screenings not exceeding Mill Run.	J. O. Reed Estate, Phillipsburg.	17.69	16.00	5.15
7711	Commander Wheat Flour Middlings with Ground Screenings not exceeding Mill Run.	Varano's Warehouse, Mt. Carmel.	18.25	16.00	5.41
	DIETRICH & GAMBRILL, INC., FREDERICK, MD.				
8145	D & G Wheat Flour Middlings with Mill Run Screenings.	Peterman Brothers, Muncy,	17.63	16.00	4.57
	E. A. ECKHART MILLING CO., CHICAGO, ILL.				
7502	Wheat Flour Middlings, ----------	Center Milling Company, Philipsburg.	16.69	14.00	3.51
	EVERETT-AUGHENBAUGH & COMPANY, MINNEAPOLIS, MINN.				
7400	E A CO. "A" Hard Wheat Middlings,	Star Milling Co., Clymer, --	17.69	15.00	6.17
	FEDERAL MILL & ELEVATOR CO., INC., LOCKPORT, N. Y.				
8059	Lucky Hard Wheat Middlings with Ground Wheat Screenings not exceeding Mill Run.	H. L. Garrison & Brother, Berwick.	16.50	15.50	4.96
	FREIHOFER FLOUR MILLS, PHILADELPHIA, PA.				
7552	Wheat Flour Middlings and Mill Run of Screenings.	W. E. Custer, Milton, ----	17.88	15.00	4.40
	HECKER-JONES-JEWELL MILLING CO., BUFFALO, N. Y.				
7512	Wheat Flour Middlings, ----------	Kline Flour Mills Co., Brookville.	17.56	15.00	4.45
	HEFTY MILLING COMPANY, WATSONTOWN, PA.				
7929	Wheat Middlings with Screenings, ----	Hefty Milling Company, Watsontown.	16.19	14.00	4.39
	M. E. HERR, SCHUYLER, PA.				
7918	Pure Wheat Middlings, ----------	M. E. Herr, Watsontown,	15.59	16.00	4.38
	INTERNATIONAL MILLING CO., MINNEAPOLIS, MINN.				
7207	Blackhawk Wheat Flour Middlings, --	Deal Brothers, Bedford, ---	16.88	15.00	4.51
7793	Blackhawk Wheat Special Middlings,	Z. L. Brothers, Ebensburg,	16.88	16.00	4.95

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
5.00	4.45	6.00	2.60	Wheat flour middlings with ground screenings not exceeding mill run.	As certified,	7354
5.00	5.55	6.00	2.10	Wheat flour middlings with ground screenings not exceeding mill run.	As certified,	7711
4.00	4.89	6.00	2.40	Wheat flour middlings with mill run screenings.	As certified,	8145
3.00	2.56	6.00	2.70	Wheat flour middlings,	As certified,	7502
4.50	5.72	8.50	2.25	Mill run standard middlings and flour middlings.	Wheat flour middlings with mill run ground screenings.	7400
4.50	6.03	7.50	2.05		Wheat flour middlings with mill run ground screenings.	8059
4.00	3.97	6.00	1.90	Wheat flour middlings with mill run screenings.	As certified,	7552
4.25	2.88	6.00	2.35	Wheat flour middlings,	As certified,	7512
4.00	5.99	8.00	2.10		Wheat flour middlings with mill run ground screenings.	7929
4.50	5.75	6.00	2.00		Wheat flour middlings	7918
3.50	2.44	4.50	2.85	Wheat flour middlings,	As certified,	7297
4.00	4.69	6.50	55.00	Wheat special middlings,	Wheat flour middlings,	7793

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	KEYSTONE MILLS, ADERHOLD BROTHERS, HUGHESVILLE, PA.		%	%	%
8028	Pure Wheat Middlings,	Keystone Mills, Hughesville,	18.31	-------	4.97
	KING MIDAS MILL COMPANY, MINNEAPOLIS, MINN.				
7256	Snowball Wheat Flour Middlings and Ground Wheat Screenings.	Leechburg Flouring Mills, Leechburg.	17.81	16.00	5.47
	KLEPSER BROTHERS, ALTOONA, PA.				
8196	Wheat Flour Middlings,	Klepser Brothers, Altoona,	14.75	-------	4.52
	MARTINSBURG MILLING CO., MARTINSBURG, PA.				
8188	Wheat Middlings,	Martinsburg Milling Co., Martinsburg.	14.38	-------	3.91
	MAUSER MILL CO., LAURY'S STATION, PA.				
8097	Mauser's Flour Middlings with Ground Screenings not exceeding Mill Run	Charles Werner & Co., Pine Grove.	17.13	14.00	4.32
	THE MENNEL MILLING, CO., TOLEDO, OHIO.				
7876	Mennel's Middlings,	Stanley G. Fickes, Newport	16.06	15.00	3.98
	MINNEAPOLIS MILLING CO., MINNEAPOLIS, MINN.				
8230	Wheat Flour Middlings with ground Screenings not exceeding Mill Run.	Fay Milling Co., Hollidaysburg.	16.56	16.00	5.30
7463	Wheat Flour Middlings with ground Screenings not exceeding Mill Run.	Kline Grain Company, Shelocta.	16.13	16.00	5.83
	NEW ULM ROLLER MILLS CO., NEW ULM, MINN.				
8274	Compass Pure Wheat Flour Middlings,	D. M. Campsey, Claysville,	18.81	16.00	5.10
	THE NORTH WESTERN CONSOLIDATED MILLING CO., MINNEAPOLIS, MINN.				
8154	Wheat Flour Middlings,	A. J. Dean & Son, Hawthorn.	18.31	15.00	5.90
	PERFECTION ROLLER MILLS, MAINVILLE, PA.				
7781	Pure Wheat Middlings,	Perfection Roller Mills, Mainville.	15.50	12–14	3.95

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
------	6.07	------	42.00	----------	Wheat flour middlings	8028
4.00	3.64	6.00	2.50	Wheat flour middlings with ground wheat screenings.	As certified, ----------	7256
------	4.94	------	45.00	Wheat flour middlings.	As certified, ----------	8196
------	4.79	------	48.00	Wheat middlings, ----------	Wheat flour middlings	8188
4.00	4.04	6.00	2.40	Wheat flour middlings with ground screenings not exceeding mill run	As certified, ----------	8097
4.00	4.85	6.50	45.00	Winter wheat feed with ground screenings not exceeding mill run.	Wheat flour middlings with mill run ground screenings.	7876
5.00	6.59	6.00	52.00	Wheat flour middlings with ground screenings not exceeding mill run.	As certified, ----------	8230
5.00	6.06	6.00	2.40	Wheat flour middlings with ground screenings not exceeding mill run.	As certified, ----------	7463
4.50	5.05	6.00	48.00	Wheat flour middlings, ----------	As certified, ----------	8274
4.00	6.17	6.00	2.25	Wheat flour middlings and ground wheat screenings.	As certified, ----------	8154
2-5	4.75	6.00	2.30	----------	Wheat flour middlings,	7781

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	PH. H. POSTEL MILLING CO., MASCOUTAH, ILL.		%	%	%
8138	Elegant Middlings,	C. J. Miller, Calcium,	17.13	16.00	5.00
	GEORGE L. REED MILLING COMPANY, BROOKVILLE, PA.				
7505	Wheat Middlings with Screenings not Exceeding Mill Run,	George L. Reed Milling Company, Brookville.	18.06	15.00	6.60
	ROOPSBURG MILLS, BELLEFONTE PA.				
7847	Pure Middlings,	Roopsburg Mills, Bellefonte,	15.94	15.00	4.80
	RUSSELL-MILLER MILLING CO., MINNEAPOLIS, MINN.				
8265	Alta Hard Wheat Middlings,	Carmichaels Milling Co., Carmichaels.	18.50	15.00	6.06
7608	Alta Hard Wheat Middlings,	Cooperative Grange Milling Co., Titusville.	17.56	15.00	6.20
8133	Alta Hard Wheat Middlings,	Cumberland Valley Feed & Produce Co., Chambersburg.	18.56	15.00	6.01
7958	Alta Hard Wheat Middlings,	Pine Grove Flour & Feed Mill, Russell.	17.31	15.00	5.69
	F. W. STOCK & SONS, HILLSDALE, MICH.				
7805	Middlings,	Emlenton Milling Co., Emlenton.	16.50	16.00	4.47
	A. H. YOUNG, BEAVERTOWN, PA.				
7688	Pure Wheat Middlings,	A. H. Young, Beavertown.	19.88	16.00	4.98
		Average,	17.09	-------	4.96
	WHEAT GERM MIDDLINGS				
	INTERNATIONAL MILLING CO., MINNEAPOLIS, MINN.				
7449	Blackhawk Wheat Germ Middlings,	Swope Brothers, Johnstown.	28.38	25.00	10.08
	GRAY SHORTS				
	BLAINE, MACKAY, LEE COMPANY, NORTH EAST, PA.				
7301	Pure Wheat Middlings,	J. T. Murphy, Clearfield,	19.00	15.00	6.06
	DULUTH SUPERIOR MILLING CO., DULUTH, MINN.				
7300	Durum S Wheat Middlings,	J. T. Murphy, Clearfield,	15.25	14.00	6.25

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	4.68	6.00	3.20	Soft wheat middlings.	Wheat flour middlings,	8138
4.00	4.82	10.00	2.45	Wheat middlings with screenings not exceeding mill run.	Wheat flour middlings with mill run ground screenings.	7505
4.50	4.93	7.00	2.10		Wheat flour middlings,	7847
4.50	6.27	8.50	53.00	Mill run standard middlings and flour middlings.	Wheat flour middlings,	8265
4.50	6.16	8.50	44.00		Wheat flour middlings,	7608
4.50	5.99	8.50	44.00	Mill run standard middlings and flour middlings.	Wheat flour middlings,	8133
4.50	5.55	8.50	2.35	Hard wheat,	Wheat flour middlings,	7958
4.00	5.77	7.00	48.00		Wheat flour middlings,	7805
4.00	5.72	6.00	2.30		Wheat flour middlings,	7688
------	5.08	-------	47.46			
9.00	2.16	3.25	58.00	Wheat germ middlings,	As certified,	7449
4.00	7.20	9.00	2.50	Pure wheat middlings with mill run screenings.	Wheat gray shorts with mill run ground screenings.	7301
4.00	7.10	9.50	2.35	Wheat middlings with ground screenings not exceeding mill run.	Wheat gray shorts with mill run ground screenings.	7300

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	ROBIN HOOD MILLS LTD., CALGARY, CANADA.		%	%	%
7857	Superior Wheat Shorts,	W. B. Beam, Paxtonia,	16.69	17.00	4.72
	THE WESTERN STAR MILL COMPANY, SALINA, KANSAS.				
7244	Wheat Gray Shorts,	J. E. Pritts, Scottdale,	18.13	16.00	4.79
		Average,	17.27	-------	5.46
	WHITE SHORTS				
	BOYER FEED COMPANY, BEAVER SPRINGS, PA.				
7683	Pure Wheat Middlings,	Boyer Feed Company, Beaver Springs.	16.65	16.00	4.11
	THE BUCKEYE CEREAL CO., MASSILLON, OHIO.				
7276	White Middlings,	E. Hellyer, Jr., Alexandria,	16.50	15.00	3.74
	W. E. CUSTER, MILTON, PA.				
7555	Pure Wheat Middlings,	W. E. Custer, Milton,	16.81	14.00	4.25
	DUFFEY & GLAZIER, WEBSTER MILLS, PA.				
7624	Wheat Middlings,	Duffey & Glazier, Webster Mills.	15.63	-------	2.96
	EUREKA ROLLER MILLS, CLARION, PA.				
7621	Wheat Middlings,	Eureka Roller Mills, Clarion.	16.44	14.81	4.28
	E. HELLYER, JR., ALEXANDRIA, PA.				
7272	Wheat Middlings,	E. Hellyer, Jr., Alexandria.	17.25	-------	4.17
	INTERNATIONAL MILLING COMPANY, MINNEAPOLIS, MINN.				
7206	Blackhawk Wheat Special Middlings not exceeding Mill Run Screenings.	Deal Brothers, Bedford,	17.94	15.00	5.07
	JONESTOWN ROLLER MILLS, ORANGEVILLE, PA.				
7678	Pure Wheat Middlings,	Jonestown Roller Mills, Orangeville.	11.94	16.00	3.61

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
5.00	5.78	8.00	39.00	----------	Wheat gray shorts, --	7857
5.00	5.21	6.00	2.30	Wheat gray shorts, ----------	As certified, ----------	7214
------	6.32	-------	45.50			
4.00	3.45	6.00	2.30	----------	Wheat white shorts, --	7683
3.50	4.00	5.50	2.60	----------	Wheat white shorts, --	7276
4.00	3.00	3.00	2.20	----------	Wheat white shorts, --	7555
------	1.94	-------	2.25	----------	Wheat white shorts, --	7624
4.07	3.47	4.20	2.50	----------	Wheat white shorts, --	7621
------	3.75	-------	2.60	----------	Wheat white shorts, --	7272
4.00	4.25	5.75	2.65	Wheat special middlings not exceeding mill run screenings.	Wheat white shorts with mill run ground screenings.	7206
4.00	2.14	6.00	2.25	----------	Wheat white shorts, --	7678

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	J. B. KELLEY, WASHINGTONVILLE, PA.		%	%	%
7533	J. B. Kelley's Pure Wheat Middlings,	J. B. Kelley, Washingtonville.	16.69	15.00	3.54
	MIDDLE CREEK MILLING CO., MIDDLE CREEK, PA.				
7691	Middle Creek Roller Mills Fresh Ground Middlings Feed.	Middle Creek Milling Co., Middle Creek.	16.00	15.00	2.96
	MONTOUR MILLS, BLOOMSBURG, PA.				
7935	Pure Wheat Middlings,	Montour Mills, Bloomsburg,	15.38	15.00	4.48
	ORANGEVILLE MILLING CO., ORANGEVILLE, PA.				
8101	Pure Wheat Middlings,	Orangeville Milling Co., Orangeville.	13.94	14.00	3.77
	SPRINGFIELD MILLING CO., SPRINGFIELD, MINN.				
7475	White Swan Flour Wheat Middlings,	Abner R. Shaw, Apollo,	16.88	15.80	4.77
	C. Y. WAGNER & COMPANY, INC., BELLEFONTE, PA.				
8049	Pure Winter Wheat Middlings,	George F. Hess, Beech-Creek.	15.69	14.00	3.71
	WASHBURN-CROSBY COMPANY, MINNEAPOLIS, MINN.				
7409	Gold Medal Hard Wheat Standard Middlings and Wheat Screenings.	A. S. Bowser, Kittanning,	17.19	15.00	5.15
		Average,	16.06	-------	4.04
	LOW GRADE FLOUR				
	BLAINE, MACKAY, LEE COMPANY, NORTH EAST, PA.				
7412	Red Dog Wheat Flour,	A. S. Bowser, Kittanning,	16.88	15.00	3.25
	COMMANDER MILLING CO., MINNEAPOLIS, MINN.				
7355	Battleship Red Dog,	J. O. Reed Estate, Philipsburg.	18.75	17.00	5.69
	DULUTH SUPERIOR MILLING CO., DULUTH, MINN.				
8163	Red Dog Wheat Flour,	Meyer Milling Co., Clearfield.	16.38	14.00	3.60
7849	Red Dog Wheat Flour,	Roopsburg Mills, Bellefonte,	16.38	14.00	4.23

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
5.00	2.58	5.00	2.50	----------	Wheat white shorts, --	7538
4.00	3.10	9.50	2.30	----------	Wheat white shorts, --	7691
3.00	4.87	7.00	2.25	----------	Wheat white shorts, --	7935
4.00	5.10	5.00	2.25	----------	Wheat white shorts, --	8101
4.50	3.70	5.00	2.40	----------	Wheat white shorts, --	7475
4.00	4.04	7.00	2.55	----------	Wheat white shorts, --	8049
4.00	6.15	9.50	2.25	Hard wheat standard middlings and mill run recleaned ground wheat screenings.	Wheat white shorts with mill run ground screenings.	7409
------	3.70	-------	47.80			
3.00	1.29	3.00	2.65	----------	Low grade wheat flour,	7412
4.00	3.58	4.00	2.90	Pure wheat product, ----------	Low grade wheat flour,	7355
3.00	2.10	3.00	2.75	----------	Low grade wheat flour,	8163
3.00	2.67	3.00	2.70	----------	Low grade wheat flour,	7849

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	INTERNATIONAL MILLING COMPANY, MINNEAPOLIS, MINN.		%	%	%
7792	Blackhawk Wheat Low Grade Flour,	Z. L. Brothers, Ebensburg,	16.19	14.00	3.14
7414	Blackhawk Wheat Red Dog,	J. A. Gualt Company, Kittanning.	17.81	15.00	4.34
	KING MIDAS MILL CO., MINNEAPOLIS, MINN.				
8282	Red Dog Wheat Flour,	Fry Milling Co., Cresson,	18.81	16.50	5.13
7257	Red Dog Wheat Flour,	Leechburg Flouring Mills, Leechburg.	18.50	16.50	5.68
	THE NORTHWESTERN CONSOLIDATED MILLING CO., MINNEAPOLIS, MINN.				
7808	XXX Comet Reddog Wheat Flour,	Valley Mills, Cooperstown,	18.50	16.00	5.44
7832	XXX Comet Reddog Wheat Flour,	Western Feed Co., Wilkes-Barre.	18.94	16.00	5.34
	PILLSBURY FLOUR MILLS CO., BUFFALO, N. Y.				
8229	Pillsbury XX Daisy,	Fay Milling Co., Hollidaysburg.	17.50	16.00	4.48
7821	Pillsbury XX Daisy,	N. E. Kaelchner, Fleetwood.	16.50	16.00	4.43
8181	Pillsbury XX Daisy,	R. F. Swartz, Bowmanstown.	19.13	16.00	5.25
	WASHBURN-CROSBY COMPANY, BUFFALO, N. Y.				
7386	Gold medal Pure Hard Wheat Adrian Reddog.	Ritters Mill, St. Marys,	16.88	16.00	3.90
		Average,	17.65	-------	4.56
	RYE OFFALS				
	RYE MIDDLINGS				
	WASHBURN-CROSBY COMPANY, BUFFALO, N. Y.				
8213	Washburn's Gold Medal Pure Rye Middlings.	New Castle Milling Co., New Castle.	16.50	14.00	3.24
	OAT BY-PRODUCTS				
	OAT FEED				
	HECKER H-O COMPANY, INC., BUFFALO, N. Y.				
8171	Reground Oat Feed,	R. H. Sherman, Meadville,	7.31	5.00	2.69

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
1.80	1.04	1.50	60.00	Wheat low grade flour,	As certified,	7792
3.50	2.58	4.50	2.80		Low grade wheat flour,	7414
4.00	2.90	4.00	2.85	Low grade wheat flour,	As certifed,	8282
4.00	2.35	4.00	2.90	Low grade wheat flour,	As certified,	7257
4.00	2.23	4.00	2.45	Pure wheat product reddog wheat flour.	Low grade wheat flour,	7808
4.00	2.21	4.00	43.00	Pure wheat product reddog wheat flour.	Low grade wheat flour,	7832
4.00	2.89	4.00	57.00	Wheat reddog,	Low grade wheat flour,	8229
4.00	2.93	4.00	2.50	Wheat reddog,	Low grade wheat flour,	7821
4.00	3.02	4.00	2.65	Wheat reddog,	Low grade wheat flour,	8181
3.50	1.89	4.00	2.75	Pure hard wheat,	Low grade wheat flour,	7386
------	2.40	------	54.14			
3.00	5.89	7.00	1.75	Pure rye middlings,	As certified,	8213
2.00	23.17	28.00	35.00	Oat middlings, oat shorts, oat hulls.	As certified,	8171

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	OGILVIES FLOUR MILL CO., WINNEPEG, CANADA.		%	%	%
8130	Ogilvie's Oat Feed,	Cumberland Valley Feed & Produce Co., Chambersburg.	5.54	5.25	2.65
	THE QUAKER OATS COMPANY, CHICAGO, ILL.				
8045	Banner Feed,	Muth Brothers, Elizabethtown.	14.75	13.00	4.84
8072	Vim Feed,	Ash Brothers, Briar Creek,	5.44	5.00	1.53
7335	Vim Feed,	L. M. Lewis, Indiana,	5.25	5.00	1.61
	ROBIN HOOD MILLS LTD., CALGARY, CANADA.				
7870	Blackhawk Reground Oat Feed,	Kreutz Creek Valley Farmers Cooperative Association, York.	6.44	5.50	2.68
		Average,	7.52	-------	2.67
	BUCKWHEAT OFFALS				
	BUCKWHEAT MIDDLINGS				
	S. FOUGHT & SON, HUGHESVILLE, PA.				
8032	Pure Buckwheat Middlings,	S. Fought & Son, Hughesville.	35.19	-------	9.60
	LYCOMING FLOUR MILLS, WILLIAMSPORT, PA.				
8244	Buckwheat Middlings,	Lycoming Flour Mills, Williamsport.	33.94	25.00	8.70
		Average,	34.57	-------	9.15
	ALFALFA MEAL				
	CALIFORNIA HAWAIIAN MILLING CO., SAN FRANCISCO, CALIF.				
7445	Chicken Greens,	Swope Brothers, Johnstown,	20.94	20.00	2.19
	THE A. B. CAPLE CO., TOLEDO, OHIO.				
7527	Alfalfa Meal,	Blank & Gottshall Co., Inc., Sunbury.	15.31	12.00	1.77

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
2.50	25.88	27.00	28.00	Oat feed,	As certified,	8130
4.50	16.68	18.00	30.00	Oat middlings, oat shorts, oat hulls.	As certified,	8045
2.00	29.01	30.00	1.80	Oatmeal mill by-product (oat middlings, oat shorts, oat hulls).	As certified,	8072
2.00	28.67	28.00	1.50	Oatmeal mill by-product (oat middlings, oat shorts, oat hulls).	As certified,	7335
2.50	23.99	27.90	26.00	Oat feed,	As certified,	7870
------	24.56	-------	30.83			
------	6.16	-------	45.00	Pure buckwheat middlings,	As certified,	8032
5.00	5.17	10.00	45.00	Buckwheat middlings,	As certified,	8244
------	5.66	-------	45.00			
2.50	16.56	18.00	3.60	Made from select alfalfa hay with stems partially removed to concentrate the leaves.	As certified,	7445
1.00	28.26	35.00	2.20	Made from select alfalfa hay,	As certified,	7527

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	THE DENVER ALFALFA MILLING & PRODUCTS CO., LAMAR, COLO.		%	%	%
7525	Alfalfa Leaf Meal,	Blank & Gottshall Co., Inc., Sunbury.	23.69	20.00	1.80
7456	Alfalfa Leaf Meal,	I. L. Duncan, New Florence.	21.63	20.00	2.56
7482	Alfalfa Leaf Meal,	Platt & Steadman, Spartansburg.	21.88	20.00	2.58
7871	Triple XXX Alfalfa Meal,	The Kreutz Creek Valley Farmers Cooperative Association, York.	16.19	13.00	1.34
7337	Triple XXX Alfalfa Meal,	L. M. Lewis, Indiana,	14.38	13.00	1.16
8237	Triple XXX Alfalfa Meal,	Lycoming Flour Mills, Williamsport.	14.81	13.00	1.66
7242	Triple XXX Alfalfa Meal,	George S. McCurdy, Scottdale.	15.13	13.00	1.48
7444	Triple XXX Alfalfa Meal,	Swope Brothers, Johnstown,	16.44	13.00	2.30
7915	Triple XXX Alfalfa Meal,	Union Coal & Supply Co., Union City.	14.56	13.00	1.25
	JACOB DOLD PACKING CO., BUFFALO, N. Y.				
7309	Dold Quality Alfalfa Meal,	Keystone Flour Co., Clearfield.	14.44	12.00	1.39
	PECOS VALLEY ALFALFA MILL CO., HAGERMAN, N. M.				
8186	Velvet Meal,	H. F. Reiser, West Leesport,	18.38	17.00	2.20
	THE A. W. SCOTT COMPANY, SAN FRANCISCO, CAL.				
7817	Atlas Poultry Greens,	Atlantic Feed & Supply Co., Atlantic.	17.31	20.00	2.25
7605	Atlas Poultry Greens,	Nickle Plate Flour Mills, Wesleyville.	16.75	20.00	2.04
7942	Atlas Poultry Greens,	Petersburg Milling Co., Bessemer.	19.63	20.00	2.16
		Average,	17.59	-------	1.88
	DRIED BEET PULP				
	THE LARROWE MILLING CO., DETROIT, MICH.				
7358	Dried Beet Pulp,	Acme Milling Co., Cochranton.	8.88	8.00	0.93
7803	Dried Beet Pulp,	Emlenton Milling Co., Emlenton.	8.81	8.00	0.83
7347	Dried Beet Pulp,	J. O. Reed Estate, Philipsburg.	10.88	8.00	0.86
7228	Dried Beet Pulp,	Titusville City Mills, Titusville.	9.44	8.00	0.84

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
2.50	15.06	18.00	3.20	Made principally from alfalfa leaves.	As certified,	7525
2.50	14.10	18.00	2.75	Made principally from green alfalfa leaves.	As certified,	7456
2.50	15.61	18.00	4.00	Made principally from green alfalfa leaves.	As certified,	7482
1.00	27.91	33.00	43.00	Alfalfa,	Alfalfa meal,	7871
1.00	30.04	33.00	2.50	Alfalfa,	Alfalfa meal,	7337
1.00	28.74	33.00	52.00	Alfalfa,	Alfalfa meal,	8237
1.00	32.44	33.00	2.65	Alfalfa,	Alfalfa meal,	7242
1.00	23.23	33.00	3.60	Alfalfa,	Alfalfa meal,	7444
1.00	33.22	33.00	3.00	Alfalfa,	Alfalfa meal,	7915
1.00	28.91	35.00	3.50	Alfalfa meal,	As certified,	7309
1.50	19.25	23.00	3.50	Alfalfa hay with part of stems removed to concentrate the leaves.	As certified,	8186
2.00	21.92	18.00	3.25	Fancy ground alfalfa concentrating leaves and blossoms by partial removal of stems.	As certified,	7817
2.00	23.77	18.00	4.00	Fancy ground alfalfa concentrating leaves and blossoms by partial removal of stems.	As certified,	7605
2.00	20.90	18.00	3.50	Fancy ground alfalfa concentrating leaves and blossoms by partial removal of stems.	As certified,	7942
------	23.74	-------	62.50			
0.50	16.95	22.00	53.00	Composed only of residue of sugar beets dried after extraction of sugar.	As certified,	7358
0.50	19.10	22.00	46.00	Composed only of residue of sugar beets dried after extraction of sugar.	As certified,	7803
0.50	18.96	22.00	2.65	Composed only of residue of sugar beets dried after extraction of sugar.	As certified,	7347
0.50	18.39	22.00	2.40	Composed only of residue of sugar beets dried after extraction of sugar.	As certified,	7228

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
7191	Dried Beet Pulp,	Wisehaupt Sons & Co., Port Royal.	8.44	8.00	0.50
8251	Dried Molasses Beet Pulp,	Cooperative Grange Milling Co., Titusville.	10.94	8.00	1.15
		Average,	9.57	.....	0.85
	MIXED FEEDS				
	PROPRIETARY DAIRY FEED				
	AKRON FEED & MILLING CO., AKRON, OHIO.				
8205	Unafio Dairy Ration,	W. K. Davis, Darlington,	25.13	24.00	5.18
	AMERICAN MILLING CO., PEORIA, ILL.				
7267	Amco 24% Batch Mix,	Grampion Milling Co., Grampion.	24.19	24.00	4.51
8183	Amco 20% Dairy Ration,	H. F. Reiser, West Leesport,	22.69	20.00	3.12
7675	Amco Flexible 20% Formula Dairy Ration.	Jonestown Roller Mills, Orangeville.	21.88	20.00	4.09
7266	Amco Flexible 24% Formula Dairy Ration.	Grampion Milling Co., Grampion.	25.38	24.00	4.54
7674	Amco Flexible 24% Formula Dairy Ration.	Jonestown Roller Mills, Orangeville.	24.94	24.00	4.24

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
0.50	19.15	22.00	2.60	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, ----------	7191
0.50	16.19	20.00	51.00	Residue of sugar beets (molasses and pulp) dried after extracting sugar.	As certified, ----------	8251
------	18.12	-------	50.50			
4.50	8.98	10.00	55.00	Corn gluten, wheat bran, wheat middlings with mill run ground screenings, cottonseed meal, linseed oil meal, distillers dried grains, cocoanut oil meal, ground corn, alfalfa meal, malt sprouts, ½ o. 1% salt, cane molasses, brewers grains, steamed bone meal, Fos For Us (tri-calcium phosphate, calcium carbonate).	As certified, ----------	8205
4.00	8.83	10.00	2.75	Corn gluten feed, choice cottonseed meal, hominy feed and corn meal, ground oats, malt grains, ground barley.	As certified, ----------	7267
4.00	7.48	9.00	51.00	Corn gluten feed, corn gluten meal, cottonseed meal, choice linseed oil meal, O. P., wheat standard bran, hominy feed, corn meal, ground oats, malt grains, soybean oil meal, ground barley, molasses, cane, bone meal, steamed ground limestone, salt.	As certified, ----------	8183
4.00	7.84	9.00	2.55	Corn gluten feed, cottonseed meal, choice, linseed oil meal—O P., wheat standard bran, hominy feed, corn meal, ground oats, malt grains, soy bean oil meal, ground barley, molasses—cane, bone meal—steamed, ground lime sone, salt.	Found also corn oil cake and small amount ground screenings.	7675
4.00	7.97	9.00	2.85	Corn gluten feed, corn gluten meal, choice cottonseed meal, O. P. linseed oil meal, hominy feed and corn meal, ground oats, malt grains, soy bean oil meal, ground barley, cane molasses, steamed bone meal, ground limestone salt.	As certified, ----------	7266
4.00	8.13	9.00	2.65	Corn gluten feed, corn gluten meal, cottonseed meal, choice linseed oil meal, O. P., wheat standard bran, hominy feed, corn meal, ground oats, malt grains, soybean oil meal, ground barley, molasses, cane, bone meal, steamed ground limestone, salt.	As certified, ----------	7674

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
7271	Ameo 16½% Suerene Dairy Ration, ---	Grampion Milling Co., Grampion.	19.19	16.50	4.97
7268	Ameo 32% Supplement Dairy Ration,	Grampion Milling Co., Grampion.	34.25	32.00	4.72
7673	Ameo 32% Supplement Dairy Ration,	Jonestown Roller Mills, Orangeville.	32.00	32.00	4.87
8185	Ameo 32% Supplement Dairy Ration,	H. F. Reiser, West Leesport,	33.38	32.00	4.37
7845	Ameo 32% Supplement Dairy Ration,	F. W. Smith, Fleming, ----	33.88	32.00	5.27
	ARCADY FARMS MILLING CO., CHICAGO, ILL.				
7452	Arcady Dairy Feed, ----------	I. L. Dunean, New Florence,	16.13	16.00	6.00
7263	Aready 32 Dairy Ration, ----------	W. E. Starmer, Reynoldsville.	32.00	32.00	5.89
7261	Arco 24% Dairy Ration, ----------	W. E. Starmer, Reynoldsville.	24.13	24.00	5.35
8266	Milkers Ready Ration, ----------	Carmichaels Milling Co., Carmichaels.	22.50	22.00	4.91
7321	Milkers Ready Ration, ----------	Latrobe Feed Supply Co., Latrobe.	22.75	22.00	5.96
8214	Milkers Ready Ration, ----------	New Castle Feed & Coal Co., New Castle.	23.50	22.00	4.98
7399	Milkers Ready Ration, ----------	Star Milling Co., Clymer, --	21.94	22.00	6.65
7260	Milkers Ready Ration, ----------	W. E. Starmer, Reynoldsville.	20.94	22.00	6.41
8191	Peerless Milk Ration, ----------	Martinsburg Milling Co., Martinsburg.	18.38	20.00	4.41
7974	Peerless Milk Ration, ----------	C. G. Yost, McEwensville,	21.50	20.00	5.97
7973	Sweet 16 Dairy Feed, ----------	C. G. Yost, McEwensville,	16.00	16.00	5.27

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	10.42	12.00	2.30	Malt grains, cottonseed meal—choice, linseed oil meal—O. P., corn gluten feed, corn feed meal, wheat standard bran, ground and bolted wheat screenings, clipped oat by-product, cane molasses, ground limestone, salt.	Found also soy bean meal and small amount unground weed seeds.	7271
4.50	7.40	9.00	3.10	Corn gluten feed, corn gluten meal, choice cottonseed meal, linseed oil meal O. P., soy bean oil meal, peanut oil meal—choice, wheat standard bran cane molasses, bone meal—steamed, ground limestone.	As certified, ----------	7268
4.50	7.81	9.00	3.00		Found also corn oil cake	7673
4.50	6.41	9.00	60.00		As certified, ----------	8185
4.50	7.29	9.00	2.90		As certified, ----------	7845
4.00	12.04	12.00	2.25	Wheat bran, wheat middlings, O. P linseed oil meal, dried grains from barley, malt and corn, corn gluten feed, clean ground and bolted wheat screenings, ground and bolted clipped oat by product, cottonseed meal, molasses, ½ of 1% salt.	Found also malt sprouts and small amount unground weed seeds.	7452
5.50	9.17	9.00	3.00	Old process linseed oil meal, corn gluten meal, cottonseed meal, brewers grains, corn gluten feed, wheat bran, 1% calcium carbonate from limestone, cane molasses, ½ of 1% salt.	Found also malt sprouts	7263
4.50	10.28	11.00	2.70	Cottonseed meal, wheat bran, wheat middlings, dried grains from barley, malt and corn, O. P. linseed oil meal, corn gluten feed, alfalfa meal, cleaned ground and bolted wheat screenings, molasses, calcium carbonate (from limestone), ½ of 1% salt.	Found also malt sprouts and small amount unground weed seeds.	7261
4.00	10.96	11.00	50.00	Corn gluten feed, wheat middlings, wheat bran, O. P. linseed oil meal, corn oil cake meal, corn feed meal, cleaned ground and bolted wheat screenings, cottonseed meal, dried grains from barley, malt, corn molasses, ½ of 1% salt.	Found also malt sprouts	82'6
4.00	10.14	11.00	2.50		Found also malt sprouts	7321
4.00	11.08	11.00	2.40		Found also malt sprouts	8214
4.00	10.07	11.00	2.50		As certified, ----------	7399
4.00	10.41	11.00	2.50		Found also malt sprouts and small amount unground weed seeds.	7260
4.00	11.64	12.00	47.00	Cottonseed meal O. P. linseed meal corn gluten feed, wheat bran, dried grains from barley, malt and corn, cleaned ground and bolted wheat screenings, ground and bolted oats by-products, molasses, ½ of 1% salt.	Found also malt sprouts	8191
4.00	12.40	12.00	2.20		As certified, ----------	7974
4.00	13.56	12.00	1.90	Wheat bran, wheat middlings, O. P. linseed oil meal, corn gluten feed, cleaned ground and bolted wheat screenings, ground and bolted clipped oat by-product, cottonseed meal, molasses, dried grains from barley, malt and corn, ½ of 1% salt.	Found also malt sprouts and small amount unground weed seeds.	7973

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
7972	Wonder Dairy Ration 24,	C. G. Yost, McEwensville,	24.25	24.00	4.23
	ATLANTIC FEED & SUPPLY CO., ATLANTIC, PA.				
7813	Afco 20% Dairy Ration,	Atlantic Feed & Supply Co., Atlantic.	23.06	20.00	4.33
7812	Afco 24% Milk Maker,	Atlantic Feed & Supply Co., Atlantic.	23.81	24.00	3.92
	J. J. BADENOCH CO., CHICAGO, ILL.				
7661	Jay-Bee Dairy Feed,	J. M. Hoagland Company, Sharon.	24.44	24.00	4.83
8147	32% Dairy Feed,	Peterman Brothers, Muney,	32.88	32.00	5.59
	WM. B. BARNITZ, CARLISLE, Pa.				
7898	Cumberland Dairy Feed,	Wm. B. Barnitz, Carlisle,	21.06	20.00	4.48
	THE BEACON MILLING CO., INC., CAYUGA, N. Y.				
8001	Auburn Dairy Feed,	Parks & Woodruff, Montrose.	21.63	20.00	3.76
8002	Beacon Dairy Ration,	Parks & Woodruff, Montrose.	24.75	24.00	4.64

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
5.00	9.93	10.00	2.75	Cottonseed meal, corn oil cake meal, corn gluten feed, O. P. linseed oil meal, corn feed meal, wheat bran, wheat middlings, dried grains from barley, malt and corn, molasses, alfalfa meal, ½ of 1% salt.	Found also malt sprouts	7972
4.00	7.58	11.00	46.00	Wheat bran, cottonseed meal, old process oil meal, corn gluten feed, corn feed meal, hominy feed, beet pulp, minerals, salt.	Minerals: Calcium carbonate and bone.	7813
4.00	8.58	11.00	46.00	Wheat bran, cotton seed meal, old process oil meal, corn gluten feed, corn feed meal, hominy feed, alfalfa meal, brewers' grains, molasses, minerals and salt.	Minerals: Calcium carbonate and bone.	7812
4.50	8.30	9.00	2.65	Corn gluten feed, dried grains from barley, malt and corn, O. P. linseed oil meal, cottonseed meal, corn gluten meal, corn feed meal, wheat bran, wheat middlings, ground barley, ground oats, molasses, calcium carbonate from limestone 1%, salt 1%.	As certified, ----------	7661
5.00	7.70	10.00	3.10	Old process oil meal cottonseed meal, corn gluten meal, wheat bran, dried grains from barley, malt and corn, calcium carbonate (from limestone), 1%, molasses, ½ of 1% salt.	As certified, ----------	8147
4.00	10.70	12.00	49.00	Linseed oil meal, cottonseed meal, wheat bran, alfalfa meal, ground oats, corn and cob meal and salt.	As certified, ----------	7898
4.00	9.27	10.00	46.00	Corn gluten feed, O. P. linseed oil meal, ground oats, corn meal, ground grain screenings, cottonseed meal, wheat bran, ground barley, barley malt sprouts, molasses, 1% salt, 1% calcium carbonate.	Found also small amount unground weed seed.	8001
4.50	9.27	10.00	50.00	Cottonseed meal, old process linseed oil meal, soy bean oil meal, corn gluten feed, cocoanut oil cake meal, ground barley, corn gluten meal, hominy feed, corn meal, alfalfa meal, wheat bran, wheat middlings, 1% calcium carbonate, 1% calcium phosphate, 1% salt.	As certified, ----------	8002

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
8006	Beacon Sweet 24,	Parks & Woodruff, Montrose.	24.25	24.00	3.65
8003	Beacon 20,	Parks & Woodruff, Montrose.	21.38	20.00	4.33
	BELLEVILLE FLOUR MILLS CO., BELLEVILLE, PA.				
7284	Big Valley 20% Dairy Ration,	Belleville Flour Mills Co., Belleville.	21.69	20.00	4.19
	BLANK & GOTTSHALL CO., INC., SUNBURY, PA.				
7532	B & G Dairy Ration,	Blank & Gottshall Co., Inc., Sunbury.	20.50	20.00	4.76
7533	B & G High Protein Dairy Ration,	Blank & Gottshall Co., Inc., Sunbury.	22.88	24.00	4.47
7530	B & G Sweetened Dairy Ration,	Blank & Gottshall Co., Inc., Sunbury.	19.13	20.00	3.82
7529	B & G Sweetened High Protein Dairy Ration.	Blank & Gottshall Co., Inc., Sunbury.	23.81	24.00	3.92
7531	Sunbury Sweetened 16% Protein Dairy Feed.	Blank & Gottshall Co., Inc., Sunbury.	14.63	16.00	3.21

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	9.58	9.00	48.00	O. P. Linseed oil meal, corn gluten meal, cottonseed meal, corn gluten feed, corn meal, barley malt sprouts, wheat bran, gound oats, ground barley, molasses, 1% salt, 1% calcium carbonate.	Found also small amount ground screenings and small amount unground weed seeds.	8006
4.50	8.97	9.00	48.00	O. P. linseed oil meal, cottonseed meal, soy bean oil meal, corn gluten feed, corn gluten meal, corn meal, wheat bran, alfalfa meal, cocoanut oil cake meal, ground oats, pulverized barley, 1% salt, 1% calcium phosphate, 1% calcium carbonate.	Found also small amount ground screenings and glumes from corn cob.	8003
3.50	13.04	11.00	2.70	Wheat bran, wheat middlings with ground screenings, old process linseed meal, cotton seed meal, buckwheat middlings, beet pulp, oat feed, gluten feed meal and ⅝ of 1% salt.	As certified, ----------	7284
5.00	9.22	10.00	2.35	Corn feed meal, wheat bran, buckwheat middlings, corn gluten feed, corn gluten meal, ground oats, linseed meal, cottonseed meal, dried brewers' grains, calcium carbonate, salt, steamed bone meal.	Found also small amount ground screenings.	7532
5.00	8.13	9.00	2.60	Corn feed meal, wheat bran, buckwheat middlings, corn gluten feed, corn gluten meal, linseed meal, cottonseed meal, dried brewers grains, 1% steamed bone meal, 1% calcium carbonate, 1% salt.	Found also small amount ground screenings.	7533
5.00	9.98	10.00	2.35	Corn feed meal, wheat bran, buckwheat middlings, corn gluten feed, reground oat feed (oat middlings and oat hulls), linseed meal cottonseed meal, dried brewers grains, alfalfa meal, molasses, calcium carbonate, steamed bone meal, salt.	As certified, ----------	7530
5.00	8.24	9.00	2.60	Corn feed meal, wheat bran, buckwheat middlings, corn gluten feed, corn gluten meal, cottonseed meal, linseed meal, dried brewers grains, reground oat feed (oat middlings and oat hulls), alfalfa meal, molasses, calcium carbonate, steamed bone meal, salt.	Found also small amount ground screenings.	7529
4.00	11.63	12.00	2.00	Prime cottonseed meal, O. P. linseed oil meal, corn gluten feed, dried brewers' grains, wheat bran with mill run screenings, alfalfa meal, ground grain screenings, oatmeal by-products (oat middlings, and reground hulls), corn feed meal, cane molasses, calcium carbonate, steamed bone meal, and 1% salt.	As certified, ----------	7531

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	JOHN S. BROWN'S SONS, NEW CASTLE, PA.		%	%	%
7941	Our Quality Dairy Ration, ----------	John S. Brown's Sons, New Castle.	23.13	25.00	5.18
	CITY FLOURING MILLS, INC., MUNCY, PA.				
8149	Muncy Dairy 20% Protein, ----------	City Flouring Mills, Inc., Muncy.	17.63	20.00	3.60
8150	Muncy Dairy 24% Protein, ----------	City Flouring Mills, Inc., Muncy.	22.06	24.00	4.42
8148	Muncy Dairy 32% Protein, ----------	City Flouring Mills, Inc., Muncy.	31.69	32.00	5.50
	COOPERATIVE G. L. F. EXCHANGE, INC., PEORIA, ILL.				
7720	G. L. F. 18% Dairy Formula C, ----	Cooperative Honesdale G. L. F. Service, Honesdale.	18.81	18.00	3.63
7725	G. L. F. Exchange Dairy Formula B,	Cooperative Honesdale G. L. F. Service, Honesdale.	21.50	20.00	3.77
7721	G. L. F. Milk Maker Formula C, --	Cooperative Honesdale G. L. F. Service, Honesdale.	25.38	24.00	3.29
7723	G. L. F. Super Exchange Dairy Formula A.	Cooperative Honesdale G. L. F. Service, Honesdale.	23.69	20.00	4.87

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
5.00	9.91	10.00	2.60	Distillers' dried grains, gluten feed, gluten meal, O. P. oil meal, cottonseed meal, ground oats, soy bean meal, wheat bran, wheat middlings, hominy meal, salt, molasses and Fos-For-Us.	Found also ground alfalfa.	7941
5.00	8.96	11.00	50.00	Wheat bran, wheat middlings, corn gluten, brewers grains, cottonseed meal, corn chop, oats chop, molasses, salt, limestone flour.	Found also buckwheat feed, corn chop, oats barley, alfalfa meal, Barker's Remedy.	8149
5.00	9.48	11.00	52.00	Corn chop, oats chop, corn gluten, brewers grains, cottonseed meal, linseed oil meal, wheat middlings, wheat bran, molasses, salt, limestone flour, Barker's Mineraltone.	As certified, ----------	8150
5.00	8.37	11.00	58.00	Buffalo gluten, diamond gluten, cottonseed meal, linseed oil meal, malt feed, brewers grains, molasses, limestone flour, salt.	Found also corn chop, oats, barley, buckwheat feed and Barker's Mineral Mixture.	8148
3.00	6.28	9.00	41.40	Corn gluten feed, diamond corn gluten meal, choice cottonseed meal, wheat bran (may contain mill run screenings), hominy feed and corn meal, malt grains, ground barley, cane molasses, steamed bone meal, ground limestone, salt.	As certified, ----------	7720
3.00	7.30	9.00	44.40	Corn gluten feed, choice cottonseed meal, O. P. linseed oil meal, wheat bran (may contain mill run screenings), hominy feed and corn meal, malt grains, soybean oil meal, ground barley, cane molasses, steamed bone meal, ground limestone, salt.	As certified, ----------	7725
3.00	6.16	9.00	47.40	Corn gluten feed, diamond corn gluten meal, choice cottonseed meal, O. P. linseed oil meal, wheat bran (may contain mill run screenings), hominy feed and corn meal, malt grains, soybean oil meal, ground barley, cane molasses, steamed bone meal, ground limestone, salt.	As certified, ----------	7721
4.50	6.47	9.00	46.00	Corn gluten feed, diamond corn gluten meal, O. P. linseed oil meal, wheat bran (may contain mill run screenings), hominy feed and corn meal, ground oats, soybean oil meal, ground soybeans, cane molasses, steamed bone meal, ground limestone, salt.	As certified, ----------	7723

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
7719	G. L. F. Super Milk Maker Formula A.	Cooperative Honesdale G. L. F. Service, Honesdale.	27.00	24.00	5.09
	A. O. DAILEY & SONS, BINGHAMTON, N. Y.				
7993	Dailey's 24 Dairy Ration with Molasses.	M. J. Kane, Montrose, ----	23.44	24.00	3.60
	THE ALBERT DICKINSON CO., CHICAGO, ILL.				
8275	Dickinson's Globe Milk Producer 20%,	D. M. Campsey, Claysville,	21.19	20.00	3.95
7383	Dickinson's Globe Milk Producer 24%,	Jacob & Keller Co., St. Marys.	23.88	24.00	4.14
7952	Dickinson's Globe Milk Producer 24%,	Midland Milling & Supply Co., Midland.	26.13	24.00	4.41
7251	Dickinson's Globe Milk Producer 24%,	West Apollo Milling Co., Apollo.	24.00	24.00	4.43
	DIETRICH & GAMBRILL, INC., FREDERICK, MD.				
7685	Gambrill's Dairy Feed, ----------	Boyer Feed Co., Beaver Springs.	18.56	16.00	4.51
	EASTERN STATES FARMERS EXCHANGE, SPRINGFIELD, MASS.	Mark N. Witmer, Dalmatia,	25.75	24.00	4.95
7548	Eastern States Milkmore Open Formula Dairy Ration, ----------				
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
7574	Eshelman's Pennsy 16 Dairy Feed, --	The Hex Milling Co., Shamokin.	17.69	16.00	5.30

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.50	5.70	9.00	50.25	Corn gluten feed, diamond corn gluten meal, cottonseed meal-choice, linseed oil meal-O. P., wheat bran (may contain mill run screenings), hominy feed and corn meal, ground oats, soybean oil meal, ground soybeans, cane molasses, steamed bone meal, ground limestone, salt.	As certified, ----------	7719
4.00	11.01	11.00	49.00	Malt sprouts, cottonseed meal, O. P. linseed oil meal, dried brewers grains, ground oats, hominy feed, corn gluten feed, wheat bran (with screenings not to exceed mill run), molasses, bone meal, calcium carbonate, salt.	As certified, ----------	7993
4.00	6.78	10.00	52.00	Corn gluten feed, brewers dried grains, wheat bran, wheat middlings, linseed oil meal, cottonseed meal, corn feed meal, molasses, 1% bone meal, 1% calcium carbonate, 1% salt.	As certified, ----------	8275
4.50	6.13	10.00	3.35	Corn gluten feed, brewers dried grains, wheat bran, wheat middlings, linseed oil meal. cottonseed meal, soy bean, oil meal, ground oats, molasses, 1% bone meal, 1% calcium carbonate, 1% salt.	As certified, ----------	7383
4.50	7.76	10.00	2.80		As certified, ----------	7952
4.50	5.90	10.00	2.90		As certified, ----------	7251
3.50	11.77	12.00	2.00	Cottonseed meal, peanut meal, corn feed meal, gluten feed, 12% ground grain screenings, oat middlings, oat shorts, oat hulls, molasses, 1% calcium carbonate, 1% salt.	Corn gluten feed and corn gluten meal not detected.	7685
4.50	7.10	8.00	-------	E. S. Choice cottonseed meal, old process linseed oil meal-pure, choice yellow hominy, corn gluten feed, E. S. pure ground oats, soybean oil meal, standard wheat bran, corn distillers' dried grains, molasses, steamed bone meal, calcium carbonate, salt.	As certified, ----------	7548
3.00	9.65	11.00	2.00	Corn gluten feed, dried brewers grains, cottonseed meal, soybean meal, cane molasses, cocoanut oil meal, O. P. oil meal, wheat middlings, wheat bran, oat meal mill by-product (oat middlings, oat hulls, oat shorts), reground grain screenings from wheat, 1% bone meal, 1% calcium carbonate. 1% salt	Found also malt sprouts.	7574

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
7572	Eshelman's Red Rose 24% Dairy Feed,	The Hex Milling Co., Shamokin.	26.69	24.00	4.50
7908	Lancaster 20% Dairy Feed, ----------	R. P. Seybert, Palmerton,	21.00	20.00	4.18
	FARMERS SYNDICATE, INC., CORTLAND, N. Y.				
7783	Farmer's Syndicate 24% Efficiency Ration.	Perfection Roller Mills, Mainville.	24.34	24.00	5.00
7784	Holstein Special 20% Dairy Ration, --	Perfection Roller Mills, Mainville.	21.38	20.00	4.72
7782	Holstein Special 20% Dairy Ration with Molasses.	Perfection Roller Mills, Mainville.	21.81	20.00	4.49
	FRY MILLING CO., CRESSON, PA.				
8288	Home Spun Dairy Feed, ----------	Fry Milling Co., Cresson,	23.19	20.00	4.68
	L. A. GLESSMAN, CONNEAUTVILLE, PA.				
7963	Keystone Dairy Feed, ----------	L. A. Glessman, Conneautville.	21.19	20.00	3.84

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
% 4.00	% 7.36	% 11.00	$ 2.75	Wheat bran, wheat middlings, corn gluten feed, dried brewers grains, cocoanut oil meal, cottonseed meal, O. P. oil meal, soybean meal, cane molasses, corn feed meal, ground oats, 1% bone meal, 1% calcium carbonate, 1% salt.	Found also malt sprouts.	7572
4.00	9.31	11.00	2.35	Wheat bran, corn gluten feed, wheat middlings, dried brewers grain, cane molasses, cottonseed meal, soy bean meal, corn feed meal, ground oats, cocoanut oil meal, O. P. oil meal, reground grain screenings from wheat, 1% bone meal, 1% calcium carbonate, 1% salt.	As certified, ----------	7908
4.00	8.27	9.00	2.70	Old process linseed oil meal, corn gluten feed, corn germ meal, soy bean oil meal, corn gluten meal, corn distillers' dried grains, cottonseed meal, buckwheat feed, hominy feed, wheat bran, wheat middlings (may contain mill run screenings), molasses, salt calcium carbonate.	As certified, ----------	7783
4.00	7.17	8.50	2.70	Old process linseed oil meal, corn gluten feed, soy bean oil meal, corn gluten meal, corn germ meal, cottonseed meal, wheat bran, wheat middlings (may contain mill run screenings), hominy feed, salt, calcium carbonate.	As certified, ----------	7784
3.50	6.80	8.00	2.70	Old process linseed oil meal, corn gluten feed, corn germ meal, corn gluten meal, soy bean oil meal, cottonseed meal, wheat bran, wheat middlings (may contain mill run screenings), hominy feed, salt, calcium carbonate, molasses.	As certified, ----------	7782
4.00	7.90	10.00	2.80	Beet pulp, home ground corn chop, oil meal, cottonseed meal, bran, gluten and flour middlings.	Found also salt. Oil meal identified as linseed oil meal.	8288
4.00	7.90	10.00	2.35	Old process oil meal, prime cottonseed meal, corn gluten feed, brewers' grains, wheat bran and wheat middlings with ground screenings not exceeding mill run, corn meal, bone meal, calcium carbonate, salt, alfalfa meal and molasses.	As certified, ----------	7963

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	D. H. GRANDIN MILLING CO., JAMESTOWN, N. Y.		%	%	%
8077	M-S (Money-Saver) 16% Sweet Dairy Feed.	Ash Brothers, Briar Creek,	18.00	16.00	5.10
	GRUBB & MADEIRA, ELIZABETHTOWN, PA.				
8039	G & M 20% Dairy,	Grubb & Madeira, Elizabethtown.	20.63	20.00	3.87
8038	G & M 25% Dairy,	Grubb & Madeira, Elizabethtown.	24.81	25.00	3.97
	HALES & HUNTER CO., CHICAGO, ILL.				
7617	Gold Flake Dairy Feed,	Corsica Roller Mills, Corsica.	14.75	16.00	3.33
7622	H & H Dairy Ration,	Eureka Roller Mills, Clarion,	21.13	20.00	3.84
	FRANK HARBAUGH, MIDDLEBURG, MD.				
7231	Middleburg Special Dairy Feed,	Roy Weaner, Gettysburg,	24.63	-------	5.16
	HESPENHEIDE & THOMPSON, YORK, PA.				
7982	Premier 20% Dairy Feed,	W. L. Mummert & Co., Hanover.	23.56	20.00	4.22

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	11.33	12.00	2.40	Cottonseed meal, corn gluten feed, linseed oil meal, wheat bran, wheat middlings, ground barley, corn meal, corn feed meal, hominy feed, ground grain screenings, cane molasses, steamed bone meal, calcium carbonate and salt.	Found also small amount unground weed seeds.	8077
4.75	10.99	12.00	48.00	Corn meal, wheat bran, standard wheat middlings, O. P. oil meal, cottonseed meal, gluten feed, gluten meal, oat middlings, oat shorts, oat hulls, molasses, salt and minerals.	Minerals not detected. Found also small amount ground screenings.	8039
5.00	11.93	12.00	53.00	Gluten meal, old process oil meal, wheat bran, cottonseed meal, dried beet pulp, oat products, wheat middlings, calcium carbonate, phosphorus, bone meal and salt.	Phosphorus not detected. Found also calcium phosphate. Oat products identified as oat meal mill by-products.	8038
3.50	9.76	15.00	1.90	Cottonseed meal, corn gluten feed, linseed oil meal, molasses, clipped oat by-product, ground and bolted wheat, barley, Kaffir screenings and salt.	As certified, ----------	7617
4.00	6.51	9.00	2.50	Corn feed meal, ground barley, ground oats, wheat bran, linseed oil meal, corn gluten feed, cottonseed meal, molasses, calcium carbonate, rock phosphate, salt, steamed bone meal.	As certified, ----------	7622
------	10.28	------	------	----------	Oats, corn gluten feed, wheat bran, cottonseed meal, linseed oil meal, salt, Oberco Mineral Mixture (bone charcoal, calcium sulphate, calcium carbonate, calcium phosphate, sodium chloride, potassium iodide).	7231
4.00	9.83	12.00	49.00	Cottonseed meal, wheat bran, corn gluten feed, brewers dried grains, cane molasses, O. P. oil meal, alfalfa meal, oat meal by-product (oat middlings, oat hulls, oat shorts), reground grain screenings from wheat, 1% calcium carbonate, 1% bone meal.	As certified, ----------	7982

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	ILLINOIS FEED & ELEVATOR CO., BLOOMINGTON, ILL.		%	%	%
8192	Illinois Dairy Feed,	Martinsburg Milling Co., Martinsburg.	24.31	24.00	3.86
	INTERNATIONAL SUGAR FEED CO., MINNEAPOLIS, MINN.				
8153	32% Concentrated Dairy Feed,	A. J. Dean & Son, Hawthorn.	31.56	32.00	5.00
	KASCO MILLS, INC., WAVERLY, N. Y.				
7713	Apex Milk Maker,	Varano's Warehouse, Mt. Carmel.	22.31	20.00	5.56
7329	Beatsall Milk Grains,	Edwards Brothers, Beyer,	23.13	22.00	5.26
7714	Beatsall Milk Grains,	Varano's Warehouse, Mt. Carmel.	23.75	22.00	5.37
7390	Heavy Flow Dairy Ration,	Thompson Brothers, Ridgway.	24.81	24.00	3.61
	KEYSTONE FLOUR COMPANY, CLEARFIELD, PA.				
7308	Keystone Cow Feed,	Keystone Flour Company, Clearfield.	18.88	20.00	4.32
	CHAS. A. KRAUSE MILLING CO., MILWAUKEE, WIS.				
7798	Amerikorn 24% Dairy Ration,	James McNelis, Hastings,	23.81	24.00	5.42
7394	Amerikorn 24% Dairy Ration,	George J. News Sons, Blairsville.	25.38	24.00	5.74
7797	Badger 16½% Sweet Dairy,	James McNelis, Hastings,	15.75	16.50	5.67
7657	Badger 16½% Sweet Dairy,	J. F. Masson, Mercer,	18.06	16.50	5.41
7395	Badger 16½% Sweet Dairy,	George J. News Sons, Blairsville.	17.25	16.50	5.82

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
3.50	7.85	10.00	54.00	Soy bean meal, corn gluten feed, corn gluten meal, old process linseed meal, cottonseed meal, brewers dried grains, bran, molasses, 1% salt, 1% calcium carbonate.	As certified, ----------	8192
5.00	6.59	8.00	3.65	Linseed oil meal, soya bean meal, cottonseed meal, corn gluten meal, wheat bran, standard wheat middlings, molasses, 1% calcium carbonate, 1% salt.	Found also bone and ground grain screenings.	8153
4.50	8.11	11.00	2.55	Cottonseed meal, O. P. linseed oil meal, corn gluten feed, corn meal, wheat bran, wheat middlings, ground oats and ¾ of 1% salt, 1% calcium carbonate.	As certified, ----------	7713
4.50	8.42	10.00	2.90	Wheat bran, wheat middlings, O. P. linseed oil meal, corn gluten feed, cottonseed meal, hominy, feed, ¾ of 1% salt, 1% calcium, carbonate, beet pulp.	As certified, ----------	7329
4.50	8.52	10.00	2.60		As certified, ----------	7714
4.50	12.50	11.00	3.00	Wheat bran, dried brewers' grains, O. P. linseed oil meal, alfalfa meal, corn gluten feed, corn feed meal, cottonseed meal, ground oats, molasses, 1% salt, 1% calcium carbonate, Burt's cereal feed, (wheat bran and wheat bran processed).	As certified, ----------	7390
4.50	10.22	9.00	2.75	Wheat bran, wheat middlings, ground shelled corn, alfalfa meal, O. P. oil meal, meat scraps and salt.	Found also crushed oats, cottonseed meal and bone charcoal.	7308
4.00	9.99	12.00	52.00	Corn gluten meal, brewers' dried grains, yeast dried grains, corn oil cake meal, malt sprouts, corn gluten feed, old process linseed oil meal, cottonseed meal, Badger hominy feed, standard wheat brau, standard wheat middlings, calcium carbonate, pure cane molasses, edible bone meal, salt.	Salt not detected, ----	7798
4.00	9.02	12.00	2.75		Bone not detected. Found also small amount ground screenings.	7394
5.00	12.14	12.00	39.00	Cottonseed meal, brewers' dried grains, yeast dried grains, malt sprouts, recleaned and bolted screenings from wheat, old process linseed oil meal, oatmeal mill by-products, oat middlings, oat shorts, oat hulls, standard wheat bran, calcium carbonate, pure cane molasses, edible bone meal and salt.	Linseed oil meal not detected. Found also small amount small unground weed seeds.	7797
5.00	9.47	12.00	1.80		As certified, ----------	7657
5.00	10.80	13.00	2.25		Bone meal not detected.	7395

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
7795	Sweet Cud Dairy Ration,	James McNelis, Hastings,	20.50	20.00	4.97
	LADISH MILLING CO., MILWAUKEE, WIS.				
7957	Record Maker Dairy Ration,	J. H. Figley, New Sheffield,	24.88	24.00	4.60
	THE LARROWE MILLING CO., DETROIT, MICH.				
7855	Larro The Ready Ration for Dairy Cows.	W. B. Beam, Paxtonia,	21.06	20.00	4.69
8058	Larro The Ready Ration for Dairy Cows.	H. L. Garrison & Brother, Berwick.	21.50	20.00	4.19
7516	Larro The Ready Ration for Dairy Cows.	Kline Flour Mills Co., Brookville.	21.50	20.00	4.01
7292	Larro The Ready Ration for Dairy Cows.	Williams Brothers, Port Matilda.	20.50	20.00	4.21
7193	Larro The Ready Ration for Dairy Cows.	Wischaupt Sons & Co., Port Royal.	21.50	20.00	4.35
	LAUREL PARK MILLS, MILLMONT, PA.				
7692	Yagel's Dairy Feed,	Cowan Flour Mill, Cowan,	19.63	20.00	4.45
	LYCOMING FLOUR MILLS, WILLIAMSPORT, PA.				
8242	Dairy Feed,	Lycoming Four Mills, Williamsport.	25.13	24.00	4.46
	THE McMILLEN COMPANY, FORT WAYNE, IND.				
7429	Wayne 20% Dairy Feed,	E. E. Wentz, Lock Haven,	21.44	20.00	3.58

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat		Fiber	Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.50	10.04	12.00	47.00	Corn, cottonseed meal, linseed oil meal, Badger hominy feed, standard wheat bran, recleaned ground and bolted screenings from wheat, oats by-products (oat middlings, oat hulls, oat shorts), brewers' dried grains, yeast dried grains, malt sprouts, pure cane molasses, edible bone meal, salt.	Salt not detected, ----	7795
4.50	10.53	12.00	2.20	O. P. linseed oil meal, O. P. cocoanut oil meal, corn gluten feed, wbeat bran, alfalfa meal, ground oats, prime cottonseed meal, cane molasses, 1% bone meal, 1% calcium carbonate, 1% salt, wbeat bran (may contain ground screenings not exceeding mill run).	As certified, ----------	7957
4.00	10.92	12.00	56.00	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, standard wbeat bran, standard wheat middlings, dried beet pulp, salt.	Found also small amount ground grain screenings.	7855
4.00	10.72	12.00	2.70		As certified, ----------	8058
4.00	10.12	12.00	2.85		As certified, ----------	7516
4.00	10.63	12.00	2.85		Found also small amount ground grain screenings.	7292
4.00	10.72	12.00	2.90		As certified, ----------	7193
4.50	10.86	10.00	2.10	41% cottonseed meal, O. P. linseed meal, choice gluten, molasses, cocoa meal, bran, middlings, ear corn, and oats cbop, 1½% salt.	Cocoa meal not detected. Found also cacao shell meal.	7692
4.50	9.51	8.50	50.00	Corn gluten feed, wheat bran, wheat middlings with mill run of screenings, old process linseed oil meal, cottonseed meal and salt.	Found also magnesium sulphate and cacao shell meal.	8242
4.00	7.03	11.00	55.00	Malt sprouts, brewers dried grains, corn gluten feed, corn feed meal, wheat bran, standard wbeat middlings, alfalfa meal, cottonseed meal, linseed oil meal, soya bean meal, 1% salt, 1% bone meal (calcium phosphate), 1% ground limestone (calcium carbonate) molasses.	As certified, ----------	7429

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
7881	Wayne 24% Dairy Feed,	Frank Fickes, Newport,	25.38	24.00	4.24
8023	Wayne 24% Dairy Feed,	H. L. Ort, Pennsdale,	25.63	24.00	3.93
7887	Wayne 32% Farm Mix Dairy Ration,	Firestone & Shillito, Dillsburg.	33.88	32.00	4.46
8022	Wayne 32% Farm Mix Dairy Ration,	H. L. Ort, Pennsdale,	33.88	32.00	3.93
7885	Wayne Jumbo Dairy Feed,	Firestone & Shillito, Dillsburg.	17.19	16.00	4.37
	MARITIME MILLING CO., INC., BUFFALO, N. Y.				
7836	B. B. Dairy Ration,	Henry Gass Sons, Reading,	24.81	24.00	4.93
8080	B. B. Dairy Ration Sweetened,	M. & W. Spector, Shenandoah.	24.94	24.00	4.96
8084	B. B. High Test Dairy Feed 24% Protein (Sweetened).	Fegley & Moyer, Pine Grove,	25.63	24.00	4.83
7616	B. B. Marmico 16% Dairy Feed with Molasses.	Corsica Roller Mils, Corsica,	18.75	16.00	4.79
8079	B. B. Marmico 16% Dairy Feed with Molasses.	M. & W. Spector, Shenandoah.	18.25	16.00	5.38

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	8.44	11.00	55.00	Malt sprouts, brewers dried grains, cocoanut oil meal, corn gluten feed, wheat bran, standard wheat middlings, alfalfa meal, cottonseed meal, linseed oil meal, soya bean meal, 1% salt, 1% bone meal (calcium phosphate), 1% ground limestone (calcium carbonate), cane molasses.	As certified, ----------	7881
4.00	8.47	11.00	54.00		Found also ground buckwheat.	8023
4.00	7.70	9.50	58.00	Cottonseed meal, corn gluten meal, corn gluten feed, linseed oil meal, cocoanut oil meal, malt sprouts, brewers dried grains, wheat bran, soya bean meal, 1% salt, 1% bone meal (calcium phosphate), 1% ground limestone (calcium carbonate) and cane molasses.	As certified, ----------	7887
4.00	7.20	9.50	63.00		As certified, ----------	8022
3.50	11.55	12.00	42.00	Malt sprouts, brewers dried grains, wheat bran, cottonseed meal, linseed oil meal, corn feed meal, oat hulls, oat shorts, oat middlings, 1% salt, cane molasses, ground screenings from wheat, oats, barley and Kaffir.	As certified, ----------	7885
5.00	9.84	12.00	2.50	Dried brewers grains, dried malt grains, linseed oil meal, cottonseed meal, corn gluten feed, hominy feed, corn gluten meal, wheat bran, wheat middlings, calcium carbonate, steamed bone meal, ¾ of 1% salt, wheat bran, wheat middlings may contain ground screenings not exceeding mill run.	As certified, ----------	7836
5.00	11.66	12.00	2.60	Dried brewers grains, dried malt grains, linseed oil meal, cottonseed meal, corn gluten feed, hominy feed, corn gluten meal, wheat bran, wheat middlings, molasses, calcium carbonate, steamed bone meal and ¾ of 1% salt (wheat bran and wheat middlings may contain ground screenings not exceeding mill run).	As certified, ----------	8080
4.50	9.74	12.00	2.50	Dried brewers grains, O. P. linseed oil meal, cottonseed meal, corn gluten feed, wheat bran, corn gluten meal, corn meal, molasses, cleaned pulverized and bolted grain screenings, steamed bone meal, calcium carbonate, salt.	Found also small amount unground weed seeds.	8084
4.00	10.89	12.00	1.90	Corn gluten feed, cottonseed meal, linseed oil meal, brewers' dried grains, wheat bran, oat hulls, oat shorts, oat middlings, cleaned pulverized and bolted screenings, molasses, calcium carbonate, bone meal and salt.	As certified, ----------	7616
4.00	12.03	12.00	2.15		Salt and calcium carbonate not detected. Found also malt sprouts and small amount unground weed seeds.	8079

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	THE MIFFLINBURG FARMERS EXCHANGE, INC., MIFFLINBURG, PA.		%	%	%
7578	Farmers' Dairy Cow Milk Producer, --	The Mifflinburg Farmers Exchange Inc., Mifflinburg.	19.06	20.00	4.66
7579	Farmers' Own Mix 25% Protein, ----	The Mifflinburg Farmers Exchange Inc., Mifflinburg.	26.00	25.00	4.18
7576	Farmers' Sugared Dairy Ration, ----	The Mifflinburg Farmers Exchange Inc., Mifflinburg.	15.38	15.00	3.37
	MINNEAPOLIS MILLING CO., MINNEAPOLIS, MINN.				
7416	Miss Minneapolis Vitamin Dairy Rations.	H. W. Longwell & Son, Dixonville.	20.63	20.00	5.55
7417	Tops-All Dairy Rations with Molasses,	H. W. Longwell & Son, Dixonville.	17.56	16.00	6.80
	WM. A. NICKLES & SON, SHIPPENSBURG, PA.				
8113	Hub Special 16% Dairy Feed, --------	Wm. A. Nickles & Son, Shippensburg.	15.06	16.00	4.48
8114	Rigg's Reliable 16% Dairy Feed, ------	Wm. A. Nickles & Son, Shippensburg.	17.81	16.00	3.75
8112	Rigg's Reliable 20% Dairy Ration, --	Wm. A. Nickles & Son, Shippensburg.	20.81	20.00	4.05
	NOWAK MILLING CORPORATION, HAMMOND, IND.				
8216	Fidelity Dairy Feed, ----------	Moravia Feed & Coal Co., New Castle.	20.06	20.00	4.85

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
3.50	6.24	8.00	2.40	Ground corn, ground oats, gluten feed, wheat bran, linseed oil meal, cottonseed meal and salt.	As certified.	7578
4.50	8.09	8.00	2.50	Cottonseed meal, oil meal, gluten feed, bran and salt.	As certified,	7579
3.30	11.19	12.00	2.10	Sugared vim oat feed, bran, gluten feed, cottonseed meal, oil meal, corn, oats and wheat chop, corn bran and salt.	As certified,	75.6
5.00	7.51	10.00	2.85	Wheat germ, linseed oil meal, cottonseed meal, corn gluten feed, ground oats, ground barley, wheat bran, wheat standard middlings, wheat reddog, calcium carbonate 1%, salt 1%, bone meal, cane molasses.	Wheat germ and cane molasses not detected. Found also hominy feed, small amount ground screenings and unground weed seeds.	7416
5.00	10.07	12.00	2.75	Linseed oil meal, cottonseed meal, corn gluten feed, wheat bran, molasses, ground and bolted wheat and flax screenings, salt 1%, calcium carbonate 2%.	Corn gluten feed not detected. Found also small amount unground weed seeds.	7417
5.00	10.77	10.00	39.00	Wheat bran, brewers dried grain, malt sprouts, corn gluten feed, corn feed meal, prime cottonseed meal, ground barley, ground screenings from flax and wheat, standard wheat middlings, pure cane molasses and salt.	As certified,	8113
4.00	8.38	9.00	45.00	Pure wheat bran, brewers dried grains, pure oats chop, malt sprouts, corn gluten feed, pure ear corn chop, choice cottonseed meal, O. P. linseed meal, bone charcoal, calcium sulphate, calcium carbonate, calcium phosphate, sodium chloride, potassium iodide and cane molasses.	As certified,	8114
6.00	8.60	9.00	49.00	Corn and cob chop, ground oats, wheat bran, O. P. oil meal, cottonseed meal, corn gluten feed, bone charcoal, calcium sulphate, calcium carbonate, brewers dried grains, potassium iodide, 1% salt and cane molasses.	As certified,	8112
4.00	8.84	11.00	2.90	Cottonseed meal, dried beet pulp, corn gluten feed, linseed oil meal, wheat bran, wheat middlings, corn feed meal, 2% calcium carbonate (98% pure), ¾ of 1% salt,	Found also small amount ground screenings.	8216

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	THE PARK & POLLARD COMPANY, BUFFALO, N. Y.				
			%	%	%
7565	Milk Maid 24% Sweetened Dairy Ration.	Shamokin Milling Co., Shamokin.	26.00	24.00	5.00
7767	Milk Maid 24% Sweetened Dairy Ration.	Union Roller Mills, Hamburg.	23.94	24.00	4.39
7768	Top Notch 16% Ration, ----------	Union Roller Mills, Hamburg.	17.19	16.00	3.72
	PETERSBURG MILLING COMPANY, BESSEMER, PA.				
7943	Wonder Dairy Feed, ----------	Petersburg Milling Company, Bessemer.	23.81	24.00	4.62
	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN.				
7645	Palisade 16% Protein Sweet Dairy Feed.	Adams & West, Slippery Rock.	17.25	16.00	7.67
7333	Palisade 16% Protein Sweet Dairy Feed.	L. M. Lewis, Indiana, ------	17.19	16.00	5.79
	PRATT FOOD CO., PHILADELPHIA, PA.				
7232	Pratt's 24% Dairy Feed, ----------	Stemler Brothers, East Mauch Chunk.	24.13	24.00	5.53
	J. E. PRITTS, SCOTTDALE, PA.				
7246	Pritt's Dairy Feed, ----------	J. E. Pritts, Scottdale, ----	24.00	24.00	5.27
	PURITAN MILLS, CHICAGO, ILL.				
7791	Plymouth 20% Dairy Feed, ----------	Z. L. Brothers, Ebensburg,	21.19	20.00	4.47

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.50	6.75	11.00	3.00	Corn gluten feed, linseed oil meal, cottonseed meal, distillers dried grains, wheat bran (may contain mill run screenings), brewers dried grains, malt sprouts, corn gluten meal, copra oil meal, Iodol fish meal, corn meal, molasses, calcium carbonate and salt.	As certified, ----------	7565
4.50	7.52	11.00	2.65		Found also screenings in excess of mill run.	7767
3.50	10.36	12.00	2.00	Corn gluten feed, wheat bran, cottonseed meal, malt sprouts, fine ground grain screenings, corn gluten meal, oat feed, oat hulls, oat shorts, oat middlings, corn meal, molasses, calcium carbonate and salt.	As certified, ----------	7768
4.00	7.91	10.00	2.50	Corn meal, ground oats, wheat bran, wheat middlings, alfalfa meal, soy bean oil meal, corn gluten, cotton-seed meal, bone, lime and salt.	As certified, ----------	7943
5.00	12.13	12.00	2.25	Pure old process linseed oil meal, cottonseed meal, wheat bran, corn gluten feed, ground and bolted grainscreenings, molasses, salt, calcium carbonate.	Found also small amount unground weed seeds.	7645
5.00	10.06	12.00	2.25		Salt not detected. Found also small amount unground weed seeds.	7333
4.50	9.34	9.00	3.00	Corn gluten feed, brewers' dried grains wheat bran, hominy feed, cottonseed meal, corn meal, wheat middlings, linseed oil meal, corn distillers grains, steamed bone meal, calcium carbonate, iodized salt 1%.	As certified, ----------	7232
4.00	7.98	11.00	2.70	Pure ground corn, pure ground oats, wheat bran, wheat middlings, 43% protein cottonseed meal, alfalfa, small percentage beans, linseed meal.	As certified, ----------	7246
3.50	9.76	12.00	48.00	Standard wheat bran, standard wheat middlings, cottonseed meal, old process oil meal, gluten feed, corn feed meal, ground wheat screenings, molasses (black strap), not over 2% calcium carbonate, not over ½% salt.	Found also small amount small unground weed seeds.	7791

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	THE QUAKER OATS CO., CHICAGO, ILL.		%	%	%
7299	Quaker Boss 24% Protein Dairy Ration,	Klein Wolf, Howard, ------	24.25	24.00	4.44
7461	Quaker 16% Protein Dairy Ration, ----	Hepler-McNaughton Co., New Alexandria.	16.69	16.00	3.43
8035	Quaker 16% Protein Dairy Ration, ----	J. G. Snavely & Son, Landisville.	17.13	16.00	3.94
7196	Quaker 16% Protein Dairy Ration, ----	Wisehaupt Sons & Co., Port Royal.	18.44	16.00	3.64
8256	Quaker 20% Protein Dairy Ration, --	H. C. Beerits Sons, Somerset.	20.69	20.00	3.74
7459	Quaker 20% Protein Dairy Ration, --	Hepler-McNaughton Co., New Alexandria.	20.69	20.00	4.13
8212	Quaker 20% Protein Dairy Ration, --	New Castle Milling Co., New Castle.	20.94	20.00	3.39
8258	Quaker 24% Protein Dairy Ration, --	H. C. Beerits Sons, Somerset.	24.00	24.00	4.09
7458	Quaker 24% Protein Dairy Ration, --	Hepler-McNaughton Co., New Alexandria.	24.25	24.00	4.35
7977	Quaker 24% Protein Dairy Ration, --	J. W. Herman, Beaver Springs.	24.88	24.00	4.18
7820	Quaker 24% Protein Dairy Ration, --	N. E. Kaelchner, Fleetwood,	24.25	24.00	4.50
7953	Quaker 24% Protein Dairy Ration, --	Midland Milling & Supply Co., Midland.	24.38	24.00	4.47
	RALSTON PURINA CO., INC., BUFFALO, N. Y.				
8218	Purina Blue Checker Cow Chow Feed,	J. A. Zahn, Unionville, ----	22.56	20.00	4.87
7211	Purina Cow Chow Feed 16%, ----------	Deal Brothers, Bedford, ---	19.50	16.00	3.03
7210	Purina Cow Chow Feed 24%, ----------	Deal Brothers, Bedford, ---	26.00	24.00	4.65
7892	Purina Cow Chow Feed 24%, ----------	Dillsburg Grain & Milling Co., Dillsburg.	24.50	24.00	4.51

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	10.36	12.00	2.65	Hominy feed, yellow hominy feed, cottonseed meal, corn gluten feed, linseed meal, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oatmeal mill by-product (oat middlings, oat shorts, oat hulls), ¾ of 1% salt, 1% bone meal, molasses, 1% calcium carbonate.	As certified, ----------	7299
3.50	11.52	12.00	2.20	Hominy feed, yellow hominy feed, cottonseed meal, linseed meal, gluten feed, wheat bran, wheat middlings, ground grain screenings from wheat, oatmeal mill by-product (oat middlings, oat shorts, oat hulls), ¾ of 1% salt, 1% calcium carbonate, 1% bone meal, molasses.	As certified, ----------	7461
3.50	11.35	12.00	45.00		As certified, ----------	8035
4.00	11.24	12.00	2.40		As certified, ----------	7196
3.25	10.99	12.00	48.00	Hominy feed, yellow hominy feed, barley meal, cottonseed meal, corn, gluten feed, linseed meal, wheat bran and wheat middlings with ground wheat screenings not exceeding mill run, oat meal mill by-product (oat middlings, oat shorts, oat hulls), ¾ of 1% salt, 1% calcium carbonate, 1% bone meal, molasses.	As certified, ----------	8256
3.25	10.41	12.00	2.45		As certified, ----------	7459
3.25	11.61	12.00	2.35		As certified, ----------	8212
4.00	11.70	12.00	54.00	Hominy feed, yellow hominy feed, cottonseed meal, corn gluten feed, linseed meal, wheat bran and wheat middlings with ground wheat screenings not exceeding mill run, oat meal mill by-products (oat middlings, oat shorts, oat hulls), ¾ of 1% salt, 1% calcium carbonate, 1% bone meal, molasses.	As certified, ----------	8258
4.00	10.74	12.00	2.50		As certified, ----------	7458
4.00	11.96	12.00	2.65		As certified, ----------	7977
4.00	10.05	12.00	2.60		As certified, ----------	7820
4.00	11.30	12.00	2.70		As certified, ----------	7953
3.00	10.20	12.00	-------	Linseed meal, corn germ meal, cottonseed meal, wheat middlings (standard), wheat bran corn meal, alfalfa meal, molasses, 1% iodized salt.	As certified, ----------	8218
3.00	9.08	12.00	2.65	Cottonseed meal, linseed meal, corn gluten feed, corn meal, wheat middlings (standard), alfalfa meal, molasses, 1% salt.	Found also ground Kaffir corn.	7211
3.00	9.86	12.00	2.90	Linseed meal, corn gluten feed, cottonseed meal, wheat middlings (standard), wheat bran, corn meal, alfalfa meal, molasses, 1% iodized salt.	As certified, ----------	7210
3.00	11.18	12.00	55.00	Linseed meal, corn germ meal, cottonseed meal, wheat middlings (standard), wheat bran, corn meal, alfalfa meal, molasses, 1% iodized salt.	Found also ground Kaffir corn.	7892

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
7262	Purina Cow Chow Feed 24%,	W. E. Starmer, Reynoldsville.	25.94	24.00	4.32
8246	Purina Cow Chow Feed 24%,	Stemler Brothers, East Mauch Chunk.	25.75	24.00	5.17
	GEORGE L. REED MILLING CO., BROOKVILLE, PA.				
7507	Cow Feed,	George L. Reed Milling Co., Brookville.	20.63	20.00	4.79
	RICHARDS & EVANS COMPANY, CORTLAND, OHIO.				
7640	Richard's 18% Dairy Feed,	Adams & West, Slippery Rock.	17.31	18.00	4.10
7641	Richard's 24% Dairy Feed,	Adams & West, Slippery Rock.	25.25	24.00	5.20
7236	Richard's 24% Dairy Feed,	Peoples Flour & Feed Store, Scottdale.	23.25	24.00	5.02
	I. D. STEHMAN, MT. JOY, PA.				
7864	Home Dairy Feed,	I. D. Stehman, Mt. Joy,	19.69	20.00	3.85
	D. A. STICKELL & SONS, INC., HAGERSTOWN, MD.				
7829	Zip Dairy Feed,	West Linden Mill & Grain Co., Scranton.	16.44	16.00	3.92

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
3.00	11.03	12.00	2.90	Linseed meal, corn gluten feed, cottonseed meal, wheat middlings, (standard), wheat bran, corn meal, alfalfa meal, molasses, 1% iodized salt.	Found also ground Kaffir corn.	7262
3.00	10.04	12.00	2.85	Linseed meal, corn germ meal, cottonseed meal, wbeat middlings, standard wheat bran corn meal, alfalfa meal, molasses, 1% iodized salt.	As certified, ----------	8246
4.00	7.33	11.00	2.75	Cottonseed meal, old process oil meal, gluten feed, oats cbop, corn cbop, wbeat bran with screenings not exceeding mill run, wheat middlings, red dog flour 1% salt.	Found also ground wild oats.	7507
3.00	12.05	12.00	2.40	Wbeat bran, wheat middlings, cottonseed meal, linseed oil meal, cocoanut oil meal, oat mill by-products, corn gluten feed, corn feed meal, salt, Fos-For-Us (tri-calcium phospbate, calcium carbonate).	As certified, ----------	7640
4.50	7.82	10.00	2.65	Wbeat bran, wheat middlings, cottonseed meal, linseed oil meal, corn gluten feed, corn feed meal, salt, cocoanut oil meal, Fos-For-Us (tri-calcium phospbate, calcium carbonate).	As certified, ----------	7641
4.00	6.60	10.00	2.70	Wheat bran, wheat middlings, cottonseed meal, linseed oil meal, corn gluten feed, corn feed meal, bone meal, salt, cocoanut oil meal, Fos-For-Us (tri-calcium pbospbate, calcium carbonate).	Bone meal not detected	7236
4.50	6.82	10.00	50.00	Wheat bran, shorts, middlings, gluten feed, corn cbop, cottonseed meal, linseed meal, ground oats, 1% salt, Oberco organic minerals (bone charcoal, calcium carbonate, calcium sulpbate, potassium iodine).	As certified, ----------	7864
4.50	10.86	12.00	45.00	Linseed meal, cottonseed meal, corn gluten feed, wheat bran, wbeat middlings, oatmeal mill by-products (oat middings, oat sborts, oat hulls), bominy feed, corn meal, calcium carbonate, salt.	As certified, ----------	7829

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	SWOPE BROTHERS, JOHNSTOWN, PA.		%	%	%
7437	Champion 20% Dairy Feed,	Swope Brothers, Johnstown,	22.94	20.00	5.59
7439	State College Dairy Ration,	Swope Brothers, Johnstown,	22.56	21.00	5.81
	TIOGA-EMPIRE FEED MILLS, INC., WAVERLY, N. Y.				
8103	E-Gee 32% Feed,	Orangeville Milling Co., Orangeville.	33.56	32.00	4.47
7989	Milkwaga Dairy Feed,	M. J. Kane, Montrose,	23.81	22.00	5.09
7937	Red Brand Ti-O-G Dairy Feed,	Neil S. Harrison, Forks,	25.75	24.00	5.13
7986	Red Brand Ti-O-Ga Dairy Feed,	M. J. Kane, Montrose,	26.06	24.00	4.75
8030	Red Brand Ti-O-Ga Dairy Feed,	Keystone Mills, Hughesville,	26.50	24.00	5.43
7987	White Brand Ti-O-Ga Dairy Feed,	M. J. Kane, Montrose,	22.19	20.00	4.24
	THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO.				
7404	24% Dairy Rations,	Gates Granary, Kittanning,	25.13	24.00	5.86
	UBIKO MILLING CO., CINCINNATI, OHIO.				
7907	Sunbeam Dairy Ration,	R. P. Seybert, Palmerton,	25.13	24.00	4.72

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
3.00	5.31	9.00	2.50	Corn gluten feed, soya bean meal, cottonseed meal, O. P. oil meal, wheat middlings, pure wheat bran, corn feed meal, malt sprouts, cane molasses, steamed bone meal, calcium carbonate, salt.	As certified.	7437
5.00	7.22	10.00	58.00	Corn, oats, barley, wheat germ middlings, bran, gluten feed, oil meal, cottonseed meal, beet pulp, alfalfa meal, malt sprouts, minerals.	Minerals: Salt, calcium carbonate, sulphur, glauber salts, epsom salts, copperas. Found also brewers' grains, anise, bone meal.	7439
5.00	7.31	10.00	3.10	Peanut oil meal, cottonseed meal, wheat bran, malt sprouts, soya bean oil meal, linseed oil meal, cane molasses.	As certified.	8103
4.50	9.73	10.00	50.00	Corn gluten feed, cottonseed meal, peanut bran, O. P. linseed oil meal, wheat bran, dried brewers grains, cane molasses, phosphate of lime, salt.	As certified.	7989
4.50	8.68	10.00	2.65	Cane molasses, cocoanut oil meal, wheat bran, cottonseed meal, corn gluten feed, wheat middlings, linseed oil meal, peanut oil meal, salt, iodine, phosphate of lime, charcoal, 3/10 of 1% blood meal flour, hominy feed, soya bean oil meal.	As certified.	7937
4.50	8.74	10.00	52.00		As certified.	7986
4.50	8.32	10.00	52.00		As certified.	8030
4.00	8.02	10.00	50.00	Wheat middlings, cane molasses, wheat bran, linseed oil meal, corn gluten feed, cocoanut oil meal, cottonseed meal, corn meal, salt, peanut oil meal, iodine, phosphate of lime, charcoal, 3/10 of 1% blood meal flour.	Found also small amount ground grain screenings.	7987
4.00	7.06	10.00	2.70	Corn, oats, barley, gluten feed, wheat bran, cottonseed meal, O. P. linseed oil meal, bone meal, molasses, ½ of 1% salt.	Found also calcium carbonate, small amount ground screenings and small amount unground weed seeds.	7404
4.00	10.35	12.00	2.60	Corn gluten feed, O. P. linseed meal, choice cottonseed meal, brewers dried grains, standard wheat bran, standard wheat middlings, hominy meal, ground oats, molasses, 1% chemically pure calcium carbonate, ½% salt.	As certified.	7907

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
7376	Ubiko Union Grains 20% Sweet Dairy Ration.	C. L. Shipman & Sons, Williamsport.	21.38	20.00	5.25
7905	Ubiko Union Grains 24% Sweet Dairy Ration.	R. P. Seybert, Palmerton,	25.56	24.00	5.00
7890	Union Grains 24% Dry Dairy Ration,	Dillsburg Grain & Milling Co., Dillsburg.	24.44	24.00	5.04
7891	Union Grains 32% Sweet Dairy Ration,	Dillsburg Grain & Milling Co., Dillsburg.	32.38	32.00	5.30
7372	Union Grains 32% Sweet Dairy Ration,	C. L. Shipman & Sons, Williamsport.	31.13	32.00	5.49
7375	Union Grains Ubiko Biles Ready Dairy Ration.	C. L. Shipman & Sons, Williamsport.	25.69	24.00	5.01
	WAYNE FEED MILLS, BUFFALO, N. Y.				
7305	Jumbo Dairy Feed,	Dairy Products Co., Clearfield.	18.13	16.00	4.02
7466	Jumbo Dairy Feed,	Evan H. MeBroom, Derry,	17.19	16.00	4.31
8123	Jumbo Dairy Feed,	Omwake Brothers, Greenecastle.	18.13	16.00	3.41
7496	Jumbo Dairy Feed,	A. S. Welch, Mt. Union,	17.44	16.00	3.76
7954	Wayne 20% Dairy Feed,	J. H. Figley, New Sheffield.	20.31	20.00	3.91
7497	Wayne 20% Dairy Feed,	A. S. Welch, Mt. Union,	21.25	20.00	3.00

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	7.61	10.00	54.00	Corn distillers dried grains, brewers dried grains, choice cottonseed meal, old process linseed meal, corn gluten feed, winter wheat bran, white wheat middlings, hominy meal, 1% chemically pure calcium carbonate, ½% fine table salt, cane molasses.	Corn distillers grains not detected.	7376
5.00	9.39	10.00	2.75	Corn distillers dried grains, brewers dried grains, choice cottonseed meal, O. P. linseed meal, corn gluten feed, winter wheat bran, white wheat middlings, hominy meal, 1% chemically pure calcium carbonate, ½% fine table salt, cane molasses.	As certified, ----------	7905
5.00	8.33	10.00	54.00	Corn distillers dried grains, choice cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, corn gluten feed, brewers dried grains, 1% chemically pure cacium carbonate, ½% fine table salt.	As certified, ----------	7890
4.00	9.36	10.00	59.00	Corn distillers dried grains, brewers dried grains, choice cottonseed meal, old process linseed meal, corn gluten feed, winter wheat bran, 1% chemically pure calcium carbonate, ½% fine table salt, cane molasses and soybean meal.	As certified, ----------	7891
4.00	8.15	10.00	60.00		Corn distillers grains not detected.	7372
5.00	8.94	10.00	58.00	Corn distillers dried grains, choice cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, corn gluten feed, brewers dried grains, 1% chemically pure calcium carbonate, ½% fine table salt.	Corn distillers grains not detected.	7375
3.50	10.25	12.00	2.50	Malt sprouts, brewers dried grains, wheat bran, cottonseed meal, linseed oil meal, corn feed meal, oat hulls, oat shorts, oat middlings, 1% salt, cane molasses, ground screenings from wheat, oats, barley and Kaffir.	As certified, ----------	7305
3.50	10.47	12.00	2.20		As certified, ----------	7466
3.50	10.26	12.00	44.00		As certified, ----------	8123
3.50	13.18	12.00	2.50		As certified, ----------	7496
4.00	8.47	11.00	2.65	Malt sprouts, brewers dried grains, corn gluten feed, corn feed meal, wheat bran, standard wheat middlings, alfalfa meal, cottonseed meal, linseed oil meal, soya bean meal, 1% salt, 1% bone meal, (calcium phosphate), 1% ground limestone (calcium carbonate), molasses.	As certified, ----------	7954
4.00	8.97	11.00	2.75	Malt sprouts, brewers dried grains, corn gluten feed, corn feed meal, wheat bran, standard wheat middlings, alfalfa meal, cottonseed meal, linseed oil meal, 1% salt, 1% bone meal (calcium phosphate), molasses.	As certified, ----------	7497

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
7304	Wayne 24% Dairy Feed,	Dairy Products Co., Clearfield.	24.81	24.00	4.09
7697	Wayne 24% Dairy Feed,	Mifflinburg Milling Co., Inc., Mifflinburg.	25.44	24.00	3.95
7499	Wayne 24% Dairy Feed,	A. S. Welch, Mt. Union,	24.44	24.00	4.22
7306	Wayne 32% Farm Mix Dairy Ration,	Dairy Products Co., Clearfield.	33.38	32.00	4.81
7407	Wayne 32% Farm Mix Dairy Ration,	Gates Granary, Kittanning,	33.88	32.00	4.75
7696	Wayne 32% Farm Mix Dairy Ration,	Mifflinburg Milling Co., Inc., Mifflinburg.	34.13	32.00	3.92
7498	Wayne 32% Farm Mix Dairy Ration,	A. S. Welch, Mt. Union,	35.00	32.00	5.20
	J. M. WYCKOFF, EAST STROUDSBURG, PA.				
7668	Dairy Feed,	J. M. Wykoff, East Stroudsburg.	16.13	16.00	4.87
	PROPRIETARY STOCK, HORSE AND MULE FEED				
	AKRON FEED & MILLING CO., AKRON, OHIO.				
8206	Portage Stock Feed,	J. A. Dixson, New Galilee,	8.94	8.00	2.26
	AMERICAN MILLING CO., PEORIA, ILL.				
7265	Ameo 12% Fitting Ration,	Grampion Milling Co., Grampion.	14.31	12.00	4.15
7679	Ameo June Pasture Alfalfa and Molasses.	Jonestown Roller Hills, Orangeville.	12.16	10.00	0.63
	J. J. BADENOCH CO., CHICAGO, ILL.				
7287	Giv-Em-All Sweet Feed,	Belleville Flour Mills Co., Belleville.	8.53	9.00	0.84
	THE BEACON MILLING CO., INC., CAYUGA, N. Y.				
8021	Beacon Horse Feed,	Parks & Woodruff, Montrose.	11.06	9.00	2.55

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	7.27	11.00	2.90	Malt sprouts, brewers dried grains, cocoanut oil meal, corn gluten feed, wheat bran, standard wheat middlings, alfalfa meal, cottonseed meal, linseed oil meal, soya bean meal, 1% salt, 1% bone meal (calcium phosphate), 1% ground limestone (calcium carbonate), cane molasses.	As certified,	7304
4.00	8.27	11.00	2.60		As certified,	7697
4.00	7.63	11.00	3.00		As certified,	7499
4.00	6.50	9.50	3.25	Cottonseed meal, corn gluten meal, corn gluten feed, linseed oil meal, cocoanut oil meal, malt sprouts, brewers dried grains, wheat bran, soyabean meal, 1% salt, 1% bone meal (calcium phosphate), 1% ground limestone (calcium carbonate), cane molasses.	As certified,	7306
4.00	6.72	9.50	2.90		As certified,	7407
4.00	6.94	9.50	2.90		As certified,	7696
4.00	6.88	9.50	3.25		As certified,	7498
3.00	5.94	12.00	2.55	Cottonseed meal, O. P. oil meal, gluten, wheat bran, corn feed meal, wheat middlings, ground oats, salt.	As certified,	7668
3.00	14.14	12.00	2.35	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, ½ of 1% salt, Fos-For-Us (tri-calcium phosphate and calcium carbonate).	Yellow corn present,	8206
4.50	5.85	9.00	2.40	O. P. linseed oil meal, wheat standard middlings, wheat standard bran, ground oats, hominy feed, cane molasses, steamed bone meal, ground limestone, salt.	As certified,	7265
0.50	13.76	21.00	2.40	Alfalfa meal-choice, and molasses-beet.	As certified,	7679
0.50	20.51	28.00	2.60	Alfalfa meal, molasses, salt 1%,	Salt not detected,	7287
2.50	6.69	11.00	50.00	Cracked corn, crimped oats, crushed barley, alfalfa meal, old process linseed oil meal, molasses, 1% salt.	As certified,	8021

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
8008	Beacon Stock Feed,	Parks & Woodruff, Montrose.	15.56	15.00	4.42
	BLANK & GOTTSHALL CO., INC., SUNBURY, PA.				
7528	B & G Alfalfa—Molasses Horse Feed,	Blank & Gottshall Co., Inc., Sunbury.	10.31	10.00	3.08
	COOPERATIVE G. L. F. EXCHANGE, INC., PEORIA, ILL.				
7722	G. L. F. 12% Fitting Ration Formula A.	Cooperative Honesdale G. L. F. Service, Honesdale.	15.06	12.00	4.04
7739	G. L. F. Horse Feed,	Cooperative Honesdale G. L. F. Service, Honesdale.	10.56	9.00	3.15
7724	G. L. F. June Pasture Alfalfa and Molasses.	Cooperative Honesdale G. L. F. Service, Honesdale.	10.72	10.00	1.38
	THE ALBERT DICKINSON CO., CHICAGO, ILL.				
8211	Dickinson's Globe Horse Feed (Heavy Grain Mixture).	Hildebrand-Jones Co., New Brighton.	10.56	10.00	3.62
7252	Dickinson's Globe Horse Feed (Medium Grain Mixture).	West Apollo Milling Co., Apollo.	11.81	10.00	3.10
7255	Stag Stock Feed,	Leechburg Flouring Mills,	12.31	10.00	3.30
	DIETRICH & GAMBRILL, INC., FREDERICK, MD.				
8025	Gambrill's Horse Feed,	Keystone Mills, Hughesville,	10.13	10.00	3.50
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
7872	Eshelman's Lancaster 60 Horse Feed,	W. F. Leicht, New Cumberland.	10.21	9.00	2.89
7600	Eshelman's Lancaster 60 Horse Feed,	C. B. Rutter, Lansford,	9.53	9.00	2.83
8107	Eshelman's Red Rose 85 Horse Feed,	A. L. Heckman, Shippensburg.	10.56	9.00	3.54
7922	Eshelman's S-O-S (Sacks of Silage),	M. E. Herr, Watsontown,	12.56	10.00	2.13
7873	Eshelman's S-O-S (Sacks of Silage),	W. F. Leicht, New Cumberland.	12.81	10.00	2.67
7599	Eshelman's Stock Feed,	C. B. Rutter, Lansford,	10.00	9.00	5.02

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat		Fiber	Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	7.56	8.00	50.00	Ground oats, ground barley, O. P. linseed oil meal, hominy feed, corn feed meal or corn meal, wheat bran and wheat middlings, 1% calcium phosphate, 1% calcium carbonate, 1% salt.	Found also small amount ground screenings and glumes from corn cob.	8008
3.00	8.09	8.00	2.35	Cracked corn, crimped oats, alfalfa meal, cane molasses and salt.	As certified, ----------	7528
3.00	5.69	9.00	42.00	O. P. linseed oil meal, wheat bran (may contain mill run screenings), hominy feed and corn meal, ground oats, cane molasses, steamed bone meal, ground limestone, salt.	As certified, ----------	7722
3.50	6.90	9.00	52.00	Rolled white oats-No.. 2, cracked yellow corn-No. 2, ground alfalfa, molasses-cane.	As certified, ----------	7739
0.50	17.02	21.00	38.00	Alfalfa meal-choice, molasses-cane,	As certified, ----------	7724
3.20	8.48	9.00	2.70	Cracked corn, crushed oat, linseed oil meal, alfalfa meal, molasses, 1% salt.	As certified, ----------	8211
3.20	9.01	12.00	2.50	Cracked corn, crushed oats, linseed oil meal, alfalfa meal, ½% salt, molasses.	As certified, ----------	7252
3.00	14.27	12.00	2.50	Corn feed meal, wheat bran, wheat middlings, cottonseed meal, oatmeal mill by-products (oat middlings, oat hulls, oat shorts), 1% salt.	As certified, ----------	7255
3.50	7.10	12.00	49.00	Cracked corn, crushed oats, alfalfa meal, molasses, ½% salt.	Found also small amount ground screenings.	8025
2.50	9.58	10.00	-------	Cracked corn, crushed oats, cane molasses, alfalfa meal, ½ of 1% salt.	As certified, ----------	7872
2.50	8.58	10.00	2.60		As certified, ----------	7600
3.00	6.35	10.00	50.00	Cracked corn, crushed oats, cane molasses, alfalfa meal, ½ of 1% salt.	As certified, ----------	8107
1.50	13.95	15.00	2.25	Wheat bran, alfalfa meal, dried brewers grains, cane molasses, dried beet pulp, 1% bone meal, 1% calcium carbonate, 1% salt.	As certified, ----------	7922
1.50	14.10	15.00	-------		Found also malt sprouts.	7873
3.00	7.96	11.00	2.40	Hominy feed, corn feed meal, ground oats, wheat middlings, oat meal mill by-products (oat middlings, oat hulls, oat shorts), ½% sat.	As certified, ----------	7599

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	HALES & HUNTER CO., CHICAGO, ILL.		%	%	%
8209	H & H White Stock Feed,	Excelsior Flour & Feed Co., Freedom.	9.75	10.00	3.19
	KASCO MILLS, INC., WAVERLY, N. Y.				
7717	65% Grain Apex Horse Mule Feed,	Varano's Warehouse, Mt. Carmel.	9.35	10.00	2.81
	CHAS. A. KRAUSE MILLING CO., MILWAUKEE, WIS.				
7396	Badger Stock Feed,	Geo. J. News Sons, Blairsville.	10.75	9.00	3.87
7796	Badger Stock Feed (Sugared),	James McNelis, Hastings,	10.38	9.00	4.11
7659	Pep Horse Feed,	J. F. Masson, Mercer,	11.06	10.00	3.41
	THE McMILLEN CO., FORT WAYNE, IND.				
7909	Wayne Supreme Horse Feed,	Cochranton Cooperative Association, Cochranton.	10.00	9.50	3.95
8056	Wayne Supreme Horse Feed,	H. H. McKibben, Mill Hall,	10.00	9.50	2.99
8124	Wayne Supreme Horse Feed,	Marion Grain Co., Marion,	8.94	9.50	3.03
	MARITIME MILLING CO., BUFFALO, N. Y.				
7846	BB Horse Feed,	Mayer Brothers, Bellefonte,	9.75	8.00	3.24
8087	BB Stock Feed,	Fegley & Moyer, Pine Grove.	10.00	9.50	3.95
	THE PARK & POLLARD CO., BUFFALO, N. Y.				
7346	Park & Pollard Horse Feed,	J. O. Reed Estate, Philipsburg.	11.25	10.00	4.00
7356	Park & Pollard Stock Feed,	J. O. Reed Estate, Philipsburg.	9.88	8.50	4.32

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
2.50	9.92	12.00	2.40	Corn feed meal, hominy feed, wheat red dog flour, oat middlings, oat shorts, oat hulls.	As certified,	8209
2.50	11.20	12.00	2.75	Cracked corn, oats, choice alfalfa meal, molasses, 1% salt.	As certified,	7717
3.00	9.06	14.00	2.40	Badger hominy feed, corn feed meal, ground oats, oatmeal mill by-products (oat hulls, oat middlings, oat shorts), salt.	As certified,	7396
3.00	10.19	12.00	40.00	Badger hominy feed, corn feed meal, ground oats, oat meal mill by-products (oat hulls, oat middlings, oat shorts), cane molasses, salt, cottonseed meal, ground corn.	As certified,	7796
3.00	7.00	10.00	2.20	Corn, oats, molasses and salt.	Salt not detected,	7659
3.50	5.98	7.00	2.50	Cracked corn, crimped oats, wheat bran, molasses.	As certified,	7909
3.50	4.70	7.00	2.65		As certified,	8056
3.50	5.41	7.00	52.00		As certified,	8124
2.00	9.68	10.00	2.75	Molasses, cracked corn, crushed oats, ¾ of 1% salt.	As certified,	7846
3.50	12.93	11.00	2.20	Hominy feed, corn feed meal, wheat bran, ground oats, oat hulls, oat shorts, ¾ of 1% salt, (wheat bran may contain mill run ground screenings).	Salt not detected,	8087
3.50	6.18	9.00	2.85	Cracked corn, crimped oats, linseed oil meal, wheat bran, molasses and ½ of 1% table salt.	As certified,	7346
4.00	10.11	12.00	2.50	Ground barley, ground corn, ground oats, hominy feed, oat hulls, oat middings, oat shorts, calcium carbonate and salt.	As certified,	7356

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	THE QUAKER OATS CO., CHICAGO, ILL.		%	%	%
7472	Quaker Green Cross Horse Feed,	Farmers Supply Co., Blairsville.	11.95	10.00	2.63
8117	Quaker Green Cross Horse Feed,	D. W. Foust & Sons, Chambersburg.	11.63	10.00	2.93
8034	Quaker Horse Power Feed,	J. G. Snavely & Sons, Landisville.	11.13	10.00	2.89
8257	Quaker Sugared Schumacher Feed,	H. C. Beerits Sons, Somerset.	10.81	10.00	3.25
7790	Quaker Sugared Schumacher Feed,	Z. L. Brothers, Ebensburg,	10.00	10.00	3.40
7822	Quaker Sugared Schumacher Feed,	N. E. Kaelchner, Fleetwood,	10.50	10.00	3.74
7583	Quaker Sugared Schumacher Feed,	The Mifflinburg Farmers Exchange, Inc., Mifflinburg.	11.81	10.00	3.93
7197	Quaker Sugared Schumacher Feed,	Wisehaupt Sons & Co., Port Royal.	11.13	10.00	3.44
7618	Quaker White Diamond Stock Feed,	C. G. Shingledecker, Clarion,	8.00	8.50	2.94
	RALSTON PURINA CO., INC., BUFFALO, N. Y.				
7216	Buffalo Purina Bulky Las Feed,	Deal Brothers, Bedford,	11.44	9.00	2.20
8139	Buffalo Purina Bulky Las Feed,	C. J. Miller, Caleium,	11.31	9.00	2.98
7388	Buffalo Purina Bulky Las Feed,	Ritters Mill, St. Marys,	10.94	9.00	1.58
8217	Buffalo Purina Bulky Las Feed,	J. A. Zahn, Unionville,	11.94	9.00	2.15
7213	Purina O'Molene Feed,	Deal Brothers, Bedford,	11.69	9.70	4.16
8228	Purina O'Molene Feed,	Fay Milling Co., Hollidaysburg.	10.81	9.70	4.01
7387	Purina O'Molene Feed,	Ritters Mill, St. Marys,	10.94	9.70	3.86
7214	Purina Steer Fatena Feed,	Deal Brothers, Bedford,	14.31	12.00	3.74
8225	Purina Stock Feed,	B. N. Palmer Co., Portage,	10.94	7.20	3.58
	JESSE C. STEWART CO., PITTSBURGH, PA.				
8284	Red Letter Alfalfa Horse Feed,	Fry Milling Co., Cresson,	7.97	9.00	1.50
8193	Red Letter Alfalfa Horse Feed,	Klepser Brothers, Altoona,	9.25	9.00	2.63
7238	Red Letter Alfalfa Horse Feed,	Peoples Flour & Feed Store, Scottdale.	9.81	9.00	2.27

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
2.50	11.53	12.00	2.40	Cracked corn, crushed oats, cottonseed meal, alfalfa meal, oat meal mill by-products (oat middlings,	As certified,	7472
2.50	11.65	12.00	49.00	oat shorts, oat hulls, ¾ of 1% salt, and molasses.	As certified,	8117
2.80	9.75	11.00	47.00	Cracked corn, crushed oats, linseed meal, alfalfa meal, oatmeal mill by-product (oat middlings, oat shorts, oat hulls), ¾ of 1% salt, molasses.	As certified,	8034
3.25	10.18	12.00	44.00	Ground corn, hominy feed, yellow hominy feed, barley meal, cotton-	As certified,	8257
3.25	10.74	12.00	48.00	seed meal, linseed meal, low	As certified,	7790
3.25	11.43	12.00	2.20	grade wheat flour, wheat	Salt not detected,	7822
3.25	11.39	12.00	2.20	middlings (with ground wheat screenings not exceeding mill run), oatmeal mill by-product (oat	As certified,	7583
3.25	12.55	12.00	2.30	middilngs, oat shorts, oat hulls), ¾ of 1% salt, 1% calcium carbonate, 1% bone meal, molasses.	As certified,	7197
2.50	9.62	12.00	2.50	Ground corn, hominy feed, oatmeal mill by-product (oat middlings, oat sborts, oat hulls), ¾ of 1% salt, 1% calcium carbonate, 1% bone meal.	As certified,	7618
1.30	11.80	15.00	2.65	Dried beet pulp, wheat bran, mo-	As certified,	7216
1.30	12.76	15.00	2.50	lasses, ground grain screenings,	As certified,	8139
1.90	12.64	15.00	2.00	wheat, corn, oats, barley, Kaffir,	As certified,	7388
1.30	14.23	15.00	2.50	2% iodized salt, alfalfa meal.	As certified,	8217
3.20	6.39	9.00	2.90	Cracked corn, crushed oats, alfalfa	As certified,	7213
3.20	7.17	9.00	60.00	meal, molasses, 1% salt, linseed meal.	As certified,	8228
3.20	6.55	9.00	3.00		As certified,	7387
2.50	5.78	10.00	3.10	Molasses, cottonseed meal, bominy feed, ground grain screenings (from wheat, flax, oats, corn, barley and Kaffir), 1% charcoal, 1% salt, linseed meal.	As certified,	7214
2.30	11.38	12.00	50.00	Corn meal, standard wheat middlings, molasses, oat meal mill by-product (oat middlings, oat shorts, oat bulls), 2% iodized salt.	Found also small amount ground grain screenings.	8225
0.50	10.64	14.00	2.70	Corn, oats, alfalfa and cane	As certified,	8284
0.50	9.16	14.00	55.00	syrup.	As certified,	8193
0.50	9.47	14.00	2.65		As certified,	7238

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	SWOPE BROTHERS, JOHNSTOWN, PA.		%	%	%
7436	Thrifty Stock Feed,	Swope Brothers, Johnstown,	11.69	11.00	3.60
7435	Vim Alfalfa Horse Feed,	Swope Brothers, Johnstown,	11.00	11.00	2.62
	TIOGA-EMPIRE FEED MILLS, INC., WAVERLY, N. Y.				
7988	Neverfail Horse Feed,	M. J. Kane, Montrose,	12.81	10.00	3.54
	THE UBIKO MILLING CO., CINCINNATI, OHIO.				
7370	Crusader Horse Feed,	C. L. Shipman & Sons, Williamsport.	11.06	9.00	3.48
	THE WADSWORTH FEED CO., WARREN, OHIO.				
8278	Superior Stock Feed,	H. B. Hedge, Seenery Hill,	8.88	8.00	3.39
	WAYNE FEED MILLS, FORT WAYNE, IND.				
7956	Jumbo Stock Feed with Molasses,	J. H. Figley, New Sheffield,	8.38	8.00	2.38
7467	Wayne Special Horse Feed,	Evan H. McBroom, Derry,	9.53	9.00	3.34
	PROPRIETARY CALF MEAL				
	THE BEACON MILLING CO., INC., CAYUGA, N. Y.				
8014	Beacon Calf Meal,	Parks & Woodruff, Montrose.	24.63	25.00	3.44
	COOPERATIVE G. L. F. EXCHANGE, INC., BUFFALO, N. Y.				
7727	G. L. F. Calf Meal,	Cooperative Honesdale G. L. F. Service, Honesdale,	19.31	18.50	3.38

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	9.65	10.00	45.00	Ground corn, corn feed meal, ground oats, oat feed (including oat middlings, oat shorts, oat hulls), ground barley, wheat bran, wheat middlings, ground grain screenings, molasses and salt.	Oat feed not detected. Found also clipped oat by-products, linseed oil meal the ground corn cockle.	7436
3.00	7.93	10.00	50.00	Pure wheat bran, old process oil meal, choice alfalfa meal, oats, cracked corn, molasses and salt.	As certified, ----------	7435
3.50	7.31	9.00	54.00	Crushed oats, cracked corn, cane molasses, alfalfa meal, 2% linseed oil meal, salt.	As certified, ----------	7988
3.00	6.99	10.00	50.00	Corn, oats, alfalfa meal, molasses, and ½% salt.	As certified, ----------	7370
3.00	10.07	14.00	33.00	Corn, oats, barley, wheat bran, grain screenings, calcium carbonate, salt and molasses.	As certified, ----------	8278
3.00	8.51	12.00	2.25	Ground corn, ground oats, ground barley, corn feed meal, oat hulls, oat middlings, oat shorts, ground screenings from wheat, oats, barley, Kaffir, molasses.	As certified, ----------	7956
3.00	6.95	10.00	2.45	Crushed corn, crimped oats, alfalfa, molasses.	As certified, ----------	7467
3.00	3.46	6.00	96.00	Powdered skim milk, blood meal, wheat reddog, old process linseed oil meal, hominy feed, ground oat groats, pulverized barley, 1% calcium phosphate.	As certified, ----------	8014
3.00	3.47	4.00	80.00	O. P. oil meal, ground malted barley, wheat reddog flour, oat flour, dried skim milk, yellow corn meal, ground limestone, steam bone meal, salt.	As certified, ----------	7727

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	HESPENHEIDE & THOMPSON, YORK, PA.		%	%	%
7628	Premier Calf Meal,	Duffey & Glazier, Webster Mills.	23.25	20.00	3.29
	INTERNATIONAL SUGAR FEED CO., MINNEAPOLIS, MINN.				
8156	International Calf Meal,	A. J. Dean & Son, Hawthorn.	28.50	25.00	5.48
	THE QUAKER OATS CO., CHICAGO, ILL.				
8262	Schumacher Calf Meal,	H. C. Beerits Sons, Somerset.	18.69	18.00	8.25
7297	Schumacher Calf Meal,	Klein Wolf, Howard,	18.13	18.00	7.49
	RYDE & COMPANY, CHICAGO, ILL.				
7562	Ryde's Cream Quality Calf Meal,	W. E. Custer, Milton,	19.00	18.00	4.06
7351	Ryde's Cream Quality Calf Meal,	J. O. Reed Estate, Philipsburg.	18.50	18.50	3.98
8127	Ryde's Cream Quality Calf Meal,	Walker Brothers, Chambersburg.	19.88	18.00	3.67
	SECURITY FOOD COMPANY, MINNEAPOLIS, MINN.				
7629	Security Food Compound,	Duffey & Glazier, Webster Mills.	16.06	9.80	3.83
	TIOGA-EMPIRE FEED MILLS, INC., WAVERLY, N. Y.				
7991	Ti-O-Ga- Calf Food,	M. J. Kane, Montrose,	25.69	21.00	4.72
	WAYNE FEED MILLS, FORT WAYNE, IND.				
7749	Wayne Calf Meal,	C. E. Bates, Honesdale,	25.44	24.00	4.89
8126	Wayne Calf Meal,	Marion Grain Co., Marion,	23.75	24.00	4.84
7491	Wayne Calf Meal,	A. S. Welch, Mt. Union,	25.50	24.00	4.55

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
3.00	2.54	4.50	4.60	Corn meal, wheat reddog flour, O. P. linseed oil meal, oat flour, blood flour, rice polish, powdered skim milk, 1% steamed bone meal, 1% calcium carbonate and 1% salt.	Found also trace rice hulls.	7628
5.00	6.87	7.00	4.90	Cocoanut meal, wheat flour, blood meal, linseed oil meal, pure wheat middlings, locust bean meal, foenugreek, anise, salt.	Found also small amount ground gain screenings.	8156
8.00	4.18	4.00	5.50	Oat meal, ground flax seed, ground puffed wheat, linseed meal, milk albumen, boiled and sterilized blood flour, ½ of 1% bicarbonate of soda, ¾ of 1% salt, 1% calcium carbonate, 1% bone meal.	As certified, ----------	8262
8.00	2.60	4.00	4.50		As certified, ----------	7297
4.00	3.61	4.00	5.60	Skim milk, blood meal, locust bean meal, barley malt flour, crude milk albumen, linseed oil meal, cottonseed meal, ground oat groats, corn meal, ground flaxseed, wheat flour, wheat flour, middlings, of foenugreek, anise, steamed bone meal, calcium carbonate and salt.	As certified, ----------	7562
4.00	3.45	4.00	6.00		As certified, ----------	7351
4.00	4.07	4.00	108.00		As certified, ----------	8127
4.50	2.04	6.00	5.25	Locust beans, anise, sodium chloride, oxide iron, starch, sugar, corn flour, wheat reddog, wheat middlings, powdered whole and skim milk, dried blood.	Corn flour not detected	7629
4.00	5.01	7.00	100.0	Oat meal flour, wheat flour, wheat middlings, soy bean oil meal, cane molasses, bolted cottonseed meal, linseed oil meal, peanut oil meal, phosphate of lime, blood meal flour 2% salt.	Found also small amount ground gain screenings.	7991
4.00	6.98	6.50	90.00	Dried buttermilk, corn gluten meal, cottonseed meal, cocoanut oil meal, malt sprout meal, wheat reddog flour, wheat middlings, wheat bran, 2% bone meal (calcium phosphate), 1% salt, cane molasses.	As certified, ----------	7749
4.00	6.74	6.50	100.00		Found also ground grain screenings.	8126
[illegible]	6.98	6.50	5.00		Found also small amount ground corn cockle.	7491

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	PROPRIETARY SWINE FEED				
	J. B. ANDERSON'S SON, SHICKSHINNY, PA.		%	%	%
7773	Anderson's Hog Feed,	J. B. Anderson's Son, Shickshinny.	16.50	-------	3.74
	ARCADY FARMS MILLING CO., CHICAGO, ILL.				
7971	Arcady Hog Meal,	C. G. Yost, McEwensville,	15.44	15.00	4.66
	J. J. BADENOCH CO., CHICAGO, ILL.				
8146	C-Em-Grow Hog and Pig Meal,	Peterman Brothers, Muncy,	18.88	18.00	4.74
	WM. B. BARNITZ, CARLISLE, PA.				
7895	Cumberland Hog Meal,	Wm. B. Barnitz, Carlisle,	15.56	15.00	4.28
	THE BEACON MILLING CO., INC., CAYUGA, N. Y.				
8005	Beacon Hog Feed,	Parks & Woodruff, Montrose.	18.81	18.00	5.60
	BLANK & GOTTSHALL CO., INC., SUNBURY, PA.				
7536	B & G Hog Feed,	Blank & Gottshall Co., Inc., Sunbury.	17.19	17.00	4.22

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
------	4.01	------	55.00	Corn meal, standard middlings, wheat bran, alfalfa meal, tankage, oil meal, Oberco Minerals (bone phosphate of lime, calcium carbonate, calcium sulphate, bone charcoal, sodium chloride, potassium iodide).	As certified, ----------	7773
3.50	6.33	7.00	2.75	Old process linseed oil meal, corn oil cake meal, corn feed meal, alfalfa meal, wheat middlings, bone meal, molasses, cleaned ground and bolted wheat screenings, tankage, calcium carbonate from limestone, ½ of 1% salt.	Corn oil cake not detected. Found also wheat bran and ground Kaffir corn.	7971
3.50	6.35	8.00	3.00	Digester tankage, fish meal, corn oil cake meal, alfalfa meal, old process linseed oil meal, corn feed meal, ground barley, ground oats, wheat middlings, molasses, mineral mixture 4% (calcium carbonate from limestone, steamed bone meal, salt, iron oxide and potassium iodide).	Found also ground grain screenings.	8146
4.00	5.42	5.00	51.00	Gluten feed, tankage, fish meal, alfalfa meal, O. P. oil meal, standard middlings, ground corn and Oberco Minerals (bone charcoal, calcium carbonate, calcium sulphate, sodium chloride and potassium iodide).	As certified, ----------	7895
5.00	7.03	7.00	58.00	Digester tankage, old process linseed oil meal, corn meal, pulverized barley, pulverized oats, wheat bran and wheat middlings, 1% salt, 1% calcium phosphate, 1% Protozyme (an enzyme supplying product derived from biochemically processed cereals).	Found also small amount ground sceenings and glumes from corn cob.	8005
4.00	8.96	8.00	2.30	Corn feed meal, corn gluten feed, ground oats, wheat middlings, alfalfa meal, linseed meal, tankage, salt, fish meal, calcium carbonate, charcoal.	Found also ground Kaffir corn.	7536

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	BOYER FEED COMPANY, BEAVER SPRINGS, PA.		%	%	%
7680	Red Top Pig Meal,	Boyer Feed Company, Beaver Springs.	15.50	13.00	4.50
	THE ALBERT DICKINSON CO., CHICAGO, ILL.				
7253	Dickinson's Globe Pig Meal,	West Apollo Milling Co., Apollo.	18.75	18.00	4.61
	EASTERN STATES FARMERS EXCHANGE, SPRINGFIELD, MASS.				
7547	Eastern States Hog Meal,	Mark N. Witmer, Dalmatia,	17.38	15.00	5.94
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
7921	Eshelman's Hog Meal,	M. E. Herr, Watsontown,	18.56	16.00	5.28
	H. L. GARRISON & BROTHER, BERWICK, PA.				
8065	Extra Quality Hog Feed,	H. L. Garrison & Brother, Berwick.	17.31	15.00	4.75
	GRUBB & MADEIRA, ELIZABETHTOWN, PA.				
8042	G & M Hog Feed,	Grubb & Madeira, Elizabethtown.	18.75	19.00	4.53
	CHAS. A. KRAUSE MILLING CO., MILWAUKEE, WIS.				
7402	Badger Hog and Pig Meal,	Star Milling Co., Clymer,	19.69	18.00	6.23

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	6.84	7.00	2.70	Blood meal, meat meal, oil meal, alfalfa, wheat middlings, oats, corn, calcium carbonate and 1% salt.	Found also charcoal,	7680
5.00	5.34	6.00	3.10	Digester tankage, soy bean oil meal, wheat flour middlings, corn feed meal, linseed oil meal, barley meal, oat flour, fine ground alfalfa meal, 2% calcium carbonate, 1% bone meal, 1% salt.	As certified,	7253
5.00	4.95	6.00	------	E. S. yellow corn meal, E. S. meat scraps 50%, wheat flour middlings, old process linseed oil meal—pure, fine ground alfalfa meal, steamed bone meal, calcium carbonate, salt.	As certified,	7747
5.00	8.73	10.00	2.50	Digester tankage, wheat middlings, corn feed meal, wheat bran, 3% bone meal, 2% O. P. oil meal, 2% charcoal, reground grain screenings from wheat, 1% calcium carbonate, 1% salt.	Found also ground barley and oats.	7921
5.00	4.93	7.00	2.60	Ground corn and oats, wheat middlings and tankage.	As certified,	8065
5.00	8.76	9.00	53.00	Ground corn, oat products, digester tankage, wheat middlings, wheat shorts, wheat bran, old process oil meal, salt, calcium carbonate, phosphorus, bone meal and salt.	Phosphorus and oat products not detected.	8042
5.50	6.36	7.00	2.90	Badger hominy feed, corn gluten feed, corn oil cake meal, reddog flour, wheat middlings, O. P. linseed oil meal, fine ground alfalfa meal, molasses, tankage and salt.	As certified,	7402

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	THE LARROWE MILLING CO., DETROIT, MICH.		%	%	%
8204	Larro Hog Feed,	W. K. Davis, Darlington,	18.31	18.00	6.25
7471	Larro Hog Feed,	Farmers Supply Co., Blairsville.	18.44	18.00	5.88
7315	Larro Hog Feed,	J. B. Hayward & Son, Monongahela.	18.06	18.00	5.13
8222	Larro Hog Feed,	J. J. Kennedy & Sons, Zelienople.	18.44	18.00	5.49
8128	Larro Hog Feed,	Walker Brothers, Chambersburg.	18.13	18.00	5.11
7291	Larro Hog Feed,	Williams Brothers, Port Matilda.	18.81	18.00	5.90
	MARITIME MILLING CO., INC., BUFFALO, N. Y.				
8082	BB Pig and Hog Meal with Minerals,	M. & N. Spector, Shenandoah.	18.25	18.00	5.59
	WM. A. NICKLES & SON, SHIPPENSBURG, PA.				
8116	Rigg's Reliable Pig and Hog Meal,	Wm. A. Nickles & Son, Shippensburg.	16.44	16.50	4.54
	NOWAK MILLING CORPORATION, HAMMOND, IND.				
7664	Domino 32% Hog Meal,	Kresge & Mattern, Lehighton.	33.31	32.00	4.42
	THE PARK & POLLARD CO., BUFFALO, N. Y.				
7765	Go-To-It Hog Ration,	Union Roller Mills, Hamburg.	14.81	15.00	4.14

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
5.00	8.31	10.00	60.00	Corn germ meal, old process oil meal, hominy feed, meat meal, wheat middlings, wheat bran, beet pulp, ½ of 1% salt, alfalfa meal.	As certified, ----------	8204
5.00	8.15	10.00	2.90		Found also oats, -----	7471
5.00	7.05	10.00	53.00		As certified, ----------	7315
5.00	8.14	10.00	3.00		Found also small amount ground grain screenings.	8222
5.00	8.51	10.00	60.00	Corn germ meal, wheat middlings, linseed oil meal, wheat bran, hominy feed, dried beet pulp, meat scrap, ½ of 1% salt, alfalfa meal.	As certified, ----------	8128
5.00	7.79	10.00	3.10		As certified, ----------	7291
4.00	7.33	8.00	3.10	Digester tankage, corn, meal, pulverized oats, corn gluten meal, linseed oil meal, alfalfa meal, wheat middlings, reddog flour, fin ground charcoal, calcium carbon ate, bone meal and salt. (Wheat middlings may contain ground screenings not exceeding mill run).	Found also glumes from corn cob.	8082
5.00	5.28	6.00	51.00	Ground corn, wheat middlings, corn gluten feed, ground barley, fish meal, meat meal, calcium sulphate, calcium carbonate, sodium chloride, potassium iodide pure oats chop and cane molasses.	Found also bone charcoal.	8116
5.00	5.11	7.00	3.00	Wheat flour middlings, wheat red dog flour, corn germ meal, fine ground oats, oatmeal, O. P. lin seed oil meal, digester tankage (60% protein), choice alfalfa meal, corn gluten meal, cane molasses, bone meal, 3% limestone, 98% pure calcium carbonate, 1% salt.	As certified, ----------	7664
5.00	6.06	10.00	2.75	Alfalfa meal, hominy meal, ground barley, fish, meat, bone, corn meal, corn germ meal, wheat middlings, fine ground grain screenings, calcium carbonate and salt.	As certified, ----------	7765

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	J. E. PRITTS, SCOTTDALE, PA.		%	%	%
7247	Pritt's Pig Feed,	J. E. Pritts, Scottdale,	20.50	20.00	4.29
	THE QUAKER OATS CO., CHICAGO, ILL.				
8263	Quaker 18% Protein Pig-N-Hog Meal,	H. C. Becrits Sons, Somerset.	19.56	18.00	4.35
7220	Quaker 18% Protein Pig-N-Hog Meal,	Davidson thers, Bedford.	21.25	18.00	4.48
8119	Quaker 18% Protein Pig-N-Hog Meal,	D. W. Foust & Son, Chambersburg.	20.38	18.00	3.78
7945	Quaker 18% Protein Pig-N-Hog Meal,	B. V. Haefner, Wexford,	18.19	18.00	3.37
7819	Quaker 18% Protein Pig-N-Hog Meal,	N. E. Kaelchner, Fleetwood,	19.50	18.00	3.62
7580	Quaker 18% Protein Pig-N-Hog Meal,	The Mifflinburg Farmers Exchange, Inc., Mifflinburg.	20.06	18.00	4.44
	RALSTON PURINA CO., INC., BUFFALO, N. Y.				
7217	Purina Hog Fatena Feed containing Charcoal.	Deal Brothers, Bedford,	17.81	14.00	3.92
8219	Purina Hog Fatena Feed containing Charcoal.	J. A. Zahn, Unionville,	16.63	14.00	3.96
7209	Purina Pig Chow Feed containing Charcoal.	Deal Brothers, Bedford,	22.38	20.00	4.37
8140	Purina Pig Chow Feed containing Charcoal.	C. J. Miller, Calcium,	21.94	20.00	4.81
7389	Purina Pig Chow Feed containing Charcoal.	Ritters Mill, St. Marys,	21.13	20.00	4.21

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
5.00	5.27	11.00	2.70	Pure ground corn, pure ground oats, digester tankage, alfalfa meal, wheat middlings, charcoal, O. P. 34% linseed meal.	Found also ground buckwheat.	7247
3.50	8.83	10.00	3.00	Hominy feed, yellow hominy feed, barley, standard middlings, digester tankage, linseed meal, oatmeal mill by-product, oat middlings, oat shorts, oat hulls, 1% bone meal, 1% calcium carbonate, ¾ of 1% salt, molasses.	As certified.	8263
4.00	5.31	7.00	3.40	Oatmeal, hominy feed, yellow hominy feed, barley meal, low grade wheat flour, linseed meal digester tankage, cod liver meal, alfalfa meal, oatmeal mill by-product (oat middlings, oat shorts, oat hulls), ¾ of 1% iodized salt, 2% calcium carbonate, molasses.	As certified.	7220
3.50	7.93	10.00	27.50	Hominy feed, yellow hominy feed barley meal, standard middlings digester tankage, linseed meal, oatmeal mill by-products (oat middlings, oat shorts, oat hulls), 1% bone meal, 1% calcium carbonate, ¾ of 1% salt, molasses.	Salt not detected. Found also corn gluten feed, cottonseed meal, oatmeal, wheat bran and ground grain screenings.	8119
3.50	7.02	10.00	3.35	Hominy feed, yellow hominy feed, barley meal, standard middlings, digester tankage, oatmeal mill by product (oat middlings, oat shorts, oat hulls), 1% bone meal, 1% calcium carbonate, ¾ of 1% salt, molasses, linseed meal.	Found also small amount ground grain screenings.	7945
3.50	6.69	10.00	3.50		As certified	7819
4.00	5.04	7.00	3.10	Oatmeal, hominy feed, yellow hominy feed, barley meal, low grade wheat flour, linseed meal, digester tankage, cod liver meal, alfalfa meal, oatmeal mill by-products (oat middlings, oat shorts, oat hulls), ¾ of 1% iodized salt, 2% calcium carbonate, molasses.	As certified.	7580
3.00	5.32	6.00	3.10	Tankage, linseed meal, corn germ meal, alfalfa leaf meal, grey wheat middlings, hominy meal, molasses, 1% salt, 1% charcoal.	Alfalfa leaf meal not detected. Found also alfalfa meal and ground bone.	7217
3.00	6.06	6.00	2.80	Tankage (60% protein), linseed meal, corn germ meal, alfalfa leaf meal, grey wheat middlings, hominy meal, molasses, 1% salt, 1% charcoal.	Found also ground Kaffir corn.	8219
3.20	7.03	7.00	3.60	Molasses, hominy feed, corn germ meal, digester tankage, linseed meal, corn gluten feed, alfalfa leaf meal, wheat middlings, 1% charcoal, 1% salt.	Alfalfa leaf meal not detected. Found also alfalfa meal.	7209
3.20	6.54	7.00	3.30		Found also ground grain screenings.	8140
3.20	6.56	7.00	4.00		Found also alfalfa stems.	7389

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	THE RICHARDS & EVANS COMPANY, CORTLAND, OHIO.		%	%	%
7806	Hog Meal,	Valley Mills, C. P. Mays, Cooperstown.	14.31	16.00	4.93
	I. D. STEHMAN, MT. JOY, PA.				
7862	Mount Joy Pig Feed,	I. D. Stehman, Mt. Joy,	16.31	16.00	3.55
	SWOPE BROTHERS, JOHNSTOWN, PA.				
7440	Special Hog Feed,	Swope Brothers, Johnstown,	20.88	20.00	5.56
	TIOGA-EMPIRE FEED MILLS, INC. WAVERLY, N. Y.				
7990	Ti-O-Ga Growing Shoat Feed,	M. J. Kane, Montrose,	17.19	15.00	4.09
	TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO.				
8221	Red Ball Pig Meal,	J. J. Kennedy & Sons, Zelienople.	17.25	18.00	4.95
	THE UBIKO MILLING CO., CINCINNATI, OHIO.				
7893	Ubiko Pig and Hog Ration,	Dillsburg Grain & Milling Co., Dillsburg.	25.75	25.00	5.73
7374	Ubiko Pig and Hog Ration,	C. L. Shipman & Sons, Williamsport.	26.50	25.00	5.82
	WADSWORTH FEED COMPANY, WARREN, OHIO.				
7462	Superior Hog Feed,	Hepler-McNaughton Co., New Alexandria.	14.50	15.00	3.59

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	6.06	8.00	2.80	Cocoanut oil meal, ground corn, wheat middlings, digester tankage, alfalfa meal, Fos-For-Us (tri-calcium phosphate, calcium carbonate).	As certified, ----------	7806
5.00	4.50	7.00	-------	Corn and oats chop, wheat middlings and shorts, tankage and salt, Oberco Organic Minerals (bone charcoal, calcium carbonate, calcium sulphate potassium iodine).	Found also barley, ---	7862
5.00	3.25	5.00	60.00	Corn chop, corn gluten feed, wheat germ middlings, fish meal, alfalfa leaf meal, old process oil meal, minerals.	Minerals: Salt, charcoal, epsom salts, glauber salts, sulphur, copperas. Found also bone meal and dried blood.	7440
3.50	7.03	8.00	54.00	Wheat middlings, linseed oil meal, corn meal, wheat bran, cane molasses, 2½% phosphate of lime.	Found also small amount ground grain screenings.	7900
4.00	8.16	8.00	2.75	Wheat middlings, gluten feed, corn meal, linseed oil meal, tankage, cocoanut oil meal, ground oats, ground barley, choice alfalfa meal, molasses, 3% phos. limestone, ½ of 1% salt.	Found also small amount ground grain screenings.	8221
4.50	6.81	7.00	65.00	Cocoanut oil meal, wheat middlings, yellow corn meal, O. P. linseed oil meal, hominy feed, fine choice alfalfa meal, 2½% bone meal, 1% chemically pure calcium carbonate, digester tankage and ½% salt.	As certified, ----------	7893
4.50	6.11	7.00	63.00		As certified, ----------	7374
5.00	6.30	10.00	2.50	Oil meal, wheat bran, alfalfa meal, meat scraps, corn feed meal, salt, calcium carbonate and molasses.	As certified, ----------	7462

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	C. Y. WAGNER & CO., INC., BELLEFONTE, PA.		%	%	%
8050	Wagner's Pig Meal,	C. Y. Wagner & Co., Inc., Bellefonte.	19.25	-------	4.00
	WAYNE FEED MILLS, FORT WAYNE, IND.				
7705	Wayne 28% Hog Meal,	Jerseytown Roller Mill, Jerseytown.	28.94	28.00	5.75
7494	Wayne 28% Hog Meal,	A. S. Welch, Mt. Union,	26.56	28.00	4.68
7955	Wayne 18% Pig Meal,	J. H. Figley, New Sheffield,	19.88	18.00	4.93
7886	Wayne 18% Pig Meal,	Firestone & Shillito, Dillsburg.	20.94	18.00	5.55
7319	Wayne 18% Pig Meal,	Thomas K. George, Homer City.	19.31	18.00	4.47

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
------	6.97	-------	56.00	----------	Pure corn chop, middlings, alfalfa meal, oil meal, gluten feed, tankage, fish meal, Oberco minerals (bone meal, calcium carbonate, sodium chloride, calcium sulphate), glumes from corn cob, corn gluten feed, linseed oil meal.	8050
4.50	6.94	7.00	3.35	Digester tankage, menhaden fish meal, linseed oil meal, cocoanut oil meal, standard wheat middlings, cottonseed meal, fine ground alfalfa meal, peanut meal, cane molasses, 2% ground limestone (calcium carbonate), 1% bone meal (calcium phosphate), 1% salt, 1/5 of 1% iron oxide, potassium iodide (70 grains per ton).	As certified, ----------	7705
4.50	4.18	7.00	3.50	Digester tankage, menhaden fish meal, linseed oil meal, cocoanut oil meal, wheat reddog flour, standard wheat middlings, fine ground oat meal, fine ground alfalfa meal, 3% ground limestone (calcium carbonate), 1% salt, cane molasses, potassium iodide (70 grains per ton), 1/5 of 1% iron oxide.	As certified, ----------	7494
3.50	5.51	7.00	2.90	Digester tankage, cocoanut oil meal, menhaden fish meal, linseed oil meal, standard wheat middlings, ground barley, corn feed meal, fine ground alfalfa meal, cane molasses, 1% bone meal (calcium phosphate), 1% ground limestone (calcium carbonate, ½ of 1% salt, 1/10 of 1% iron oxide, potassium iodide (35 grains per ton).	As certified, ----------	7955
3.50	5.51	7.00	58.00		Found also small amount ground grain screenings.	7886
3.50	6.32	7.00	3.00	Digester tankage, cocoanut oil meal, linseed oil meal, wheat reddog flour, standard wheat middlings, ground barley, corn gluten feed, corn feed meal, fine ground alfalfa meal, 2% ground limestone (calcium carbonate), 1% bone meal (calcium phosphate), ½ of 1% salt, cane molasses, potassium iodide (35 grains per ton), 1/10 of 1% iron oxide.	As certified, ----------	7319

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
769	Wayne 18% Pig Meal,	Mifflinburg Milling Co., Inc. Mifflinburg.	18.75	18.00	4.60
7500	Wayne 18% Pig Meal,	A. S. Weich, Mt. Union,	20.13	18.00	4.85
7427	Wayne 18% Pig Meal,	E. E. Wentz, Lock Haven,	19.75	18.00	4.43
	PROPRIETARY AND MISCELLANEOUS CHOP FEED				
	CORN AND OATS CHOP				
	ATLANTIC FEED & SUPPLY CO., ATLANTIC, PA.				
7814	Afco Pure Corn and Oats Chop,	Atlantic Feed & Supply Co., Atlantic.	10.25	10.00	3.71
	THE BEACON MILLING CO., INC., CAYUGA, N. Y.				
8016	Corn and Oat Chop,	Parks & Woodruff, Montrose.	10.88	9.50	4.35
	BELLEVILLE FLOUR MILLS CO., BELLEVILLE, PA.				
7286	Corn and Oats Chop,	Belleville Flour Mills Co., Belleville.	9.00	9.00	3.51
	BOYER FEED COMPANY, BEAVER SPRINGS, PA.				
7684	Pure Corn and Oats Chop,	Boyer Feed Company, Beaver Springs.	10.94	10.00	3.63
	CENTER MILLING CO., PHILIPSBURG, PA.				
7501	Corn and Oats Chop,	Center Milling Co., Philipsburg.	9.81	10.13	3.83

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
% 3.50	% 5.23	% 7.00	$ 2.75	Digester tankage, cocoanut oil meal, menhaden fish meal, linseed oil meal, standard wheat middlings, ground barley, corn feed meal, fine ground alfalfa meal, cane molasses, 1% bone meal (calcium phosphate), 1% ground limestone (calcium carbonate), ½ of 1% salt, 1/10 of 1% iron oxide, potassium iodide (35 grains per ton).	As certified, ----------	7695
3.50	6.32	7.00	3.00	Digester tankage, cocoanut oil meal, linseed oil meal, wheat reddog flour, standard wheat middlings, ground barley, corn gluten feed, corn feed meal, fine ground alfalfa meal, 2% ground limestone (calcium carbonate), 1% bone meal (calcium phosphate), ½ of 1% salt, cane molasses, potassium iodide (35 grains per ton), 1/10 of 1% iron oxide.	As certified, ----------	7500
3.50	5.13	7.00	60.00		As certified, ----------	7427
4.00	8.19	6.00	44.00	Corn and oats ground, ----------	As certified, ----------	7814
4.00	5.83	7.00	48.00	Corn meal and ground oats, -------	As certified, ----------	8016
3.00	13.91	12.00	2.40	Corn and oats, ----------	As certified, ----------	7286
4.00	6.21	6.00	2.50	Corn and oats, ----------	As certified, ----------	7684
3.33	3.22	2.72	3.00	Corn and oats, ----------	As certified, ----------	7501

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	COOPERATIVE G. L. F. EXCHANGE, INC., PEORIA, ILL.		%	%	%
7740	Corn and Oats Ground,	Cooperative Honesdale G. L. F. Service, Honesdale.	10.50	-------	3.55
	COWAN FLOUR MILL, COWAN, PA.				
7693	Pure Corn and Oats Chop,	Cowan Flour Mill, Cowan,	10.63	10.00	4.82
	W. E. CUSTER, MILTON, PA.				
7560	Custer's Corn and Oats Chop,	W. E. Custer, Milton,	11.50	10.00	3.69
	A. O. DAILEY & SONS, BINGHAMTON, N. Y.				
7996	Ground Corn and Oats Chop,	M. J. Kane, Montrose,	10.31	10.00	3.79
	DIXIE MILLS CO., EAST ST. LOUIS, ILL.				
8208	Corn and Oats Chop,	Excelsior Flour & Feed Co. Freedom.	11.19	8.00	3.60
	EUREKA ROLLER MILLS, CLARION, PA.				
7620	Corn and Oats Chop,	Eureka Roller Mills, Clarion,	10.19	9.50	3.39
	H. L. GARRISON & BROTHER, BERWICK, PA.				
8064	Mixed Chop,	H. L. Garrison & Brother, Berwick.	11.13	10.00	3.81
	GRAMPIAN MILLING CO., GRAMPIAN, PA.				
7270	Pure Corn and Oats Chop,	Grampian Milling Co., Grampian.	10.19	10.00	4.11
	HEFTY MILLING CO., WATSONTOWN, PA.				
7930	Corn and Oats Chop,	Hefty Milling Co., Watsontown.	10.00	10.00	4.65
	E. HELLYER, JR., ALEXANDRIA, PA.				
7273	Corn and Oats Chop,	E. Hellyer, Jr., Alexandria,	11.00	-------	3.99
	M. E. HERR, SCHUYLER, PA.				
7920	Mixed Corn and Oats Chop.	M. E. Herr, Watsontown,	11.13	11.00	3.80

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
------	6.64	-------	42.00	Corn and oats ground, ----------	As certified, ----------	7740
4.00	5.22	6.00	2.20	Corn and oats, ----------	As certified, ----------	7693
3.00	6.10	4.50	2.30	Corn and oats, ----------	As certified, ----------	7560
4.00	8.55	12.00	47.00	Ground corn and oats chop, -------	As certified, ----------	7996
3.00	5.62	10.00	2.40	Cracked corn and crimped oats, --	As certified, ----------	8208
4.30	5.90	9.93	2.40	Corn and oats, ----------	As certified, ----------	7620
3.50	4.41	7.00	0	Ground corn and oats, ----------	As certified, ----------	8064
4.00	4.94	7.00	2.45	Corn and oats, ----------	As certified, ----------	7270
4.00	7.51	8.00	2.50	Corn and oats, ----------	As certified, ----------	7930
------	5.34	-------	2.80	----------	Corn, oats and ground buckwheat.	7273
4.00	6.09	6.00	2.25	----------	Corn, oats and large amount ground seeds of chess.	7920

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	JACOB & KELLER COMPANY, ST. MARYS, PA.		%	%	%
7381	Pure Corn and Oats,	Jacob & Keller Company, St. Marys.	9.63	10.00	3.85
	THE KASCO MILLS, INC., WAVERLY, N. Y.				
7331	Pure Ground Corn and Oats Chop,	Edwards Brothers, Beyer,	11:69	9.50	4.91
7776	Pure Ground Corn and Oats Chop,	The Shickshinny Mill, Shickshinny.	10.88	9.50	3.50
	KEYSTONE MILLS, HUGHESVILLE, PA.				
8027	Corn and Oats Chop,	Keystone Mills, Hughesville,	9.88	10.00	3.68
	KLINE FLOUR MILLS CO., BROOKVILLE, PA.				
7511	Corn and Oats Chop,	Kline Flour Mills Co., Brookville.	10.13	8.00	3.18
	MARITIME MILLING CO., INC., BUFFALO, N. Y.				
8161	BB Pure Corn and Oats Chop Half and Half.	Riches Flour Mill, Clearfield,	11.38	-------	6.22
	MEYER MILLING CO., CLEARFIELD PA.				
8164	Corn and Oats Chop,	Meyer Milling Co., Clearfield,	10.19	10.00	4.11
	MIDDLE CREEK MILLING CO., MIDDLE CREEK, PA.				
7690	Fresh Ground Corn and Oats Chop,	Middle Creek Milling Co., Middle Creek.	11.25	10.00	3.73
	MIDLAND MILLING & SUPPLY CO., MIDLAND, PA.				
7951	Pure Corn and Oats Chop,	Midland Milling & Supply Co., Midland.	10.81	10.00	4.21
	MONTOUR MILLS, BLOOMSBURG, PA.				
7936	Pure Corn and Oats Chop,	Montour Mills, Bloomsburg,	8.81	9.00	4.20
	MOSES BROTHERS CO., INC., EATON, N. Y.				
7751	Pure Ground Corn and Oats,	C. E. Bates, Honesdale,	10.63	10.00	3.29

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	4.57	6.00	3.25	Corn and oats,	As certified,	7381
3.50	6.57	5.00	2.60	Pure ground oats and corn,	As certified,	7331
3.50	7.56	6.00	48.00	Pure ground corn and oats,	As certified,	7776
4.00	7.08	6.00	48.00	Corn and oats,	As certified,	8027
3.00	4.56	8.00	2.40	Corn and oats,	As certified,	7511
------	5.17	------	2.50	Corn and oats,	As certified,	8161
4.00	4.67	6.00	2.65	Corn and oats,	As certified,	8164
4.00	6.02	6.00	2.30	Corn and oats,	As certified,	7690
4.00	5.01	6.00	2.45	Pure corn and oats chop,	As certified,	7951
3.00	4.59	7.00	2.60	Corn and oats,	As certified,	7936
3.50	4.85	10.00	39.30	Ground corn and oats,	As certified,	7751

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	THE PARK & POLLARD CO., BUFFALO, N. Y.		%	%	%
7563	Corn and Oats Half and Half,	Shamokin Milling Co., Shamokin.	10.31	10.00	3.58
	PERFECTION ROLLER MILLS, MAINVILLE, PA.				
7779	Pure Corn and Oats Chop,	Perfection Roller Mills, Mainville.	9.88	9.00	2.83
	J. E. PRITTS, SCOTTDALE, PA.				
7249	Pure Corn and Oats Chop,	J. E. Pritts, Scottdale,	10.06	-------	3.20
	GEORGE L. REED MILLING CO., BROOKVILLE, PA.				
7508	Pure Corn and Oats Chop,	George L. Reed Milling Co., Brookville.	10.94	9.00	4.03
	JESSE C. STEWART CO., PITTSBURGH, PA.				
7415	Red Letter Brand Pure Corn and Oats Chop.	J. A. Gualt Co., Kittanning.	9.56	10.00	3.86
	THE UBIKO MILLING CO., CINCINNATI, OHIO.				
7369	Corn and Oats Chop,	C. L. Shipman & Sons, Williamsport.	11.25	10.00	3.49
	THE WADSWORTH FEED CO., WARREN, OHIO.				
8277	Pure Corn and Oats Chop,	H. B. Hedge, Scenery Hill,	10.00	10.00	4.26
	WASHBURN-CROSBY COMPANY, MINNEAPOLIS, MINN.				
7302	Gold Medal Corn and Oat Feed No. 3 Fine.	J. T. Murphy, Clearfield,	12.25	9.00	3.91
	WAYNE FEED MILLS, BUFFALO, N. Y.				
7307	Wayne Corn and Oats Chop,	Dairy Products Co., Clearfield.	10.25	9.00	4.73
7320	Wayne Corn and Oats Chop,	Thomas K. George, Homer City.	10.38	9.00	4.47
	E. E. WENTZ, LOCK HAVEN, PA.				
7428	Pure Corn and Oats Chop,	E. E. Wentz, Lock Haven,	11.31	10.00	3.94

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
1.50	6.23	8.00	2.60	Ground corn and oats,	As certified,	7563
6.00	4.51	5.00	2.50	Corn and oats,	As certified,	7779
------	6.47	-------	2.20	Corn and oats,	As certified,	7249
3.00	7.84	10.00	2.45	Corn and oats,	As certified,	7508
4.00	4.19	6.00	2.45	Ground whole corn and ground whole oats.	As certified,	7415
4.00	5.38	7.00	50.00	Ground corn and ground oats,	As certified,	7369
4.50	8.05	8.00	40.00	Ground corn and oats,	As certified.	8277
4.00	5.82	7.00	2.60	Corn and oats,	As certified,	7302
3.00	6.42	9.00	2.60	Ground corn, ground oats,	As certified,	7307
3.00	7.50	9.00	2.35	Ground corn, ground oats,	As certified,	7320
4.00	5.03	6.00	50.00	Corn and oats,	As certified,	7428

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	A. H. YOUNG, BEAVERTOWN, PA.		%	%	%
7686	Pure Corn and Oats Chop,	A. H. Woung, Beavertown,	10.56	10.00	3.62
		Average,	10.53	-------	3.92
	CHOP FEED				
	THE AKRON FEED & MILLING CO., AKRON, OHIO.				
7317	Ohio Chop Feed,	J. B. Hayward & Sons, Monongahela.	7.69	6.00	2.29
7258	Ohio Chop Feed,	A. Dale Hill, Vandergrift.	7.56	6.00	2.19
	ATLANTIC FEED & SUPPLY CO., ATLANTIC, PA.				
7542	Afeo Speeial Chop (Sugared),	Atlantie Feed & Supply Co., Atlantie.	7.81	8.00	2.55
	S. FOUGHT & SON, HUGHESVILLE, PA.				
8033	Rye and Oats Chop,	S. Fought & Son, Hughesville.	12.31	8.00	3.97
	THE KASCO MILLS, INC., WAVERLY, N. Y.				
7662	Apex Special Chop,	J. M. Hoagland Co., Sharon.	8.06	7.50	3.88
8173	Apex Special Chop,	Kerrtown Milling Co., Meadville.	8.06	7.50	2.28
7715	Apex Speeial Chop Sugared,	Varano's Warehouse, Mt. Carmel.	7.69	7.50	1.73
	CHAS. A. KRAUSE MILLING CO., MILWAUKEE, WIS.				
7801	Fine Badger Chop,	James MeNelis, Hastings,	10.06	9.50	4.02
	MARTINSBURG MILLING CO., MARTINSBURG, PA.				
8189	Mixed Chop,	Martinsburg Milling Co., Martinsburg.	10.00	9.44	2.99
	THE RICHARDS & EVANS COMPANY, CORTLAND, OHIO.				
7360	Richard's Speeial Chop,	Aeme Milling Co., Cochranton.	8.19	9.00	2.70

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat		Fiber	Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	5.97	6.00	2.50	Corn and oats,	As certified,	7686
------	6.09	------	48.98			
2.00	15.70	12.00	------	Either white or yellow shelled corn, oat shorts, oat hulls, oat middlings, ½ of 1% salt.	Yellow corn present,	7317
2.00	16.42	12.00	2.15		Yellow corn present,	7258
2.00	13.85	12.00	36.00	Corn feed meal, hominy feed, oatmeal mill by-products, molasses.	As certified,	7542
2.50	7.52	10.00	48.00	Rye and oats,	As certified,	8033
3.00	13.54	12.00	2.00	Ground corn, corn feed meal, ground oats, oatmeal by-products (oat middlings, oat hulls, oat shorts), 1% salt, 1% calcium carbonate.	As certified,	7662
3.00	11.43	12.00	44.00		As certified,	8173
3.00	15.45	12.00	2.00	Ground corn, corn feed meal, ground oats, oatmeal by-products (oat middlings, oat hulls, oat shorts), 1% salt, 1% calcium carbonate, molasses.	Found also small amount ground screenings.	7715
2.50	5.94	5.00	44.00	Cracked corn, crimped oats.	As certified,	7801
2.89	11.93	13.41	------	Ear corn, oats, barley, bran and ground buckwheat.	As certified,	8189
3.50	11.80	12.00	40.00	Hominy feed, corn meal, corn feed meal, ground wheat screenings oat mill by-product, Fos-For-Us (tri-calcium phosphate, calcium carbonate).	Found also barley and glumes from cob.	7360

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
7644	Richard's Special Chop,	Adams & West, Slippery Rock.	8.69	8.00	3.79
7328	Richard's Special Chop,	Latrobe Feed Supply Co., Latrobe.	8.38	8.00	3.38
7468	Richard's Special Chop,	Evan H. McBroom, Derry,	9.25	9.00	2.75
7809	Richard's Special Chop,	Valley Mills, Cooperstown,	9.06	9.00	3.87
	F. W. SMITH, FLEMING, PA.				
7840	Mixed Chop,	F. W. Smith, Fleming,	11.75	-------	3.79
	THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO.				
7648	Camp's Surprise Chop Feed,	Grove City Flour Mill, Grove City.	8.50	8.00	3.34
	C. Y. WAGNER & CO., INC., BELLEFONTE, PA.				
8046	Wagner's Standard Chop,	George F. Hess, Beech Creek.	10.88	10–12	3.54
8054	Wagner's Standard Chop,	C. Y. Wagner & Co., Inc., Bellefonte.	12.56	9–11	3.85
	J. M. WYCKOFF, EAST STROUDSBURG, PA.				
7667	Mixed Feed,	J. M. Wyckoff, East Stroudsburg.	12.19	10.00	4.20
	MISCELLANEOUS FEED C. V. ADAMS, LANCASTER, PA.				
8044	Adam's Pulverized and Bolted Flax Screenings.	Muth Brothers, Elizabethtown.	12.94	15.00	5.43
	F. H. BENNETT BISCUIT COMPANY, NEW YORK, N. Y.				
7762	Milk-Bone Dog Food,	Nathan Myer, Upper Darby,	19.75	-------	1.44
	C. W. BURKHALTER, INC., NEW YORK, N. Y.				
7738	Burck Brand Powdered Skim Milk,	Cooperative Honesdale G. L. F. Service, Honesdale.	35.88	32.00	0.99

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
3.00	12.61	12.00	2.15	Hominy feed, corn meal, corn feed meal, ground wheat screenings, oat mill by-product, barley, Fos-For-Us (tri-calcium phosphate, calcium carbonate).	Found also Glumes from corn cob.	7644
3.00	12.72	12.00	2.10		Found also salt, ------	7328
3.50	10.45	12.00	2.00	Hominy feed, corn meal, corn feed meal, ground wheat screenings, oat mill by-product, calcium phosphate and calcium carbonate.	Found also barley, ---	7468
3.00	10.01	12.00	2.00	Hominy feed, corn meal, corn feed meal, ground wheat screenings, oat mill by-products, barley, salt, Fos-For-Us (tri-calcium phosphate, calcium carbonate).	As certified, ----------	7809
------	6.54	-------	47.00	Corn, oats, rye, ----------	As certified, ----------	7840
2.50	10.45	12.00	2.10	White or yellow corn, oats, corn meal mill by-products (Fine meal and siftings), oatmeal by-products (oat groats, oat middlings, oat hulls), wheat middlings, ½ of 1% fine salt.	Yellow corn present, --	7648
3–4	4.73	5–7	2.65	Corn, barley, oats and middlings, screenings.	As certified, ----------	8046
3–4	4.33	5–7	50.00	Corn, barley, oats, middlings, bran.	Found also screenings,	8054
3.00	4.96	9.00	2.20	Oats, rye, bran, middlings, corn feed meal.	As certified, ----------	7667
8.50	12.77	14.00	37.50	Flax screenings cleaned for mustard,	As certified, ----------	8044
------	0.66	-------	-------	----------	Wheat flour, meat, salt, bone and milk.	7762
0.75	-------	-------	190.00	Powdered skim milk, ----------	As certified, ----------	7738

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	CENTER MILK PRODUCTS CO., MIDDLEBURY CENTER, PA.		%	%	%
7484	Vitamine-Brand Near-Solid,	Center Milk Produets Co., Middlebury Center.	10.69	11.00	0.55
	COLLIS PRODUCTS CO., CLINTON, IOWA.				
7310	Collis Proeess Pure Dried Buttermilk,	Keystone Flour Co., Clearfield.	32.13	30.00	6.95
7914	Collis Process Pure Dried Buttermilk,	Union Coal & Supply Co., Union City.	32.81	30.00	4.53
	DAIRYMENS LEAGUE COOPERATIVE ASSOCIATION, UTICA, N. Y.				
8239	Dairylea Dried Skim Milk for Animal and Poultry Feed.	Lyeoming Flour Mills, Williamsport.	34.25	33.00	1.00
7590	Dairylea Dried Skim Milk for Animal and Poultry Feed.	The Mifflinburg Farmers Exchange, Inc., Mifflinburg.	33.31	33.00	0.83
	EAST COAST TRADING COMPANY, BALTIMORE, MD.				
7772	Oberco Organic Mineral Mixture,	J. B. Andersons Son, Shiekshinny.	------	------	------
	THE FAIRMONT CREAMERY CO., GREEN BAY, WIS.				
8120	Fairmont's Pure Flake Buttermilk,	D. W. Foust & Son, Chambersburg.	34.31	32.00	5.13
7226	Fairmont's Pure Flake Buttermilk,	H. C. Hutchinson Mills, Hydetown.	37.69	32.00	6.59
	KELLOGG COMPANY, BATTLE CREEK, MICH.				
7966	Hexite Sweet Hominy,	L. A. Glessman, Conneautville.	9.13	9.00	5.49
	KENNEL FOOD SUPPLY COMPANY, FAIRFIELD, CONN.				
7755	Ciro-Meato,	Cugley & Mullen Co., Philadelphia.	18.69	------	2.60
	NEWSOME FEED & GRAIN CO., PITTSBURGH, PA.				
8174	Palmo Middlings,	Kerrtown Milling Co., Meadville.	15.75	16.00	10.97
7354	Palmo Middlings,	Watson Stewart Co., Grove City.	15.88	16.00	9.59

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
0.20	------	------	------	Pure cultured skim milk, ----------	As certified, ----------	7484
5.00	------	------	11.50	Pure dried buttermilk, ----------	As certified, ----------	7310
5.00	------	------	11.00	Pure dried buttermilk, ----------	As certified, ----------	7914
0.75	------	------	9.50	Dried skim milk, ----------	As certified, ----------	8239
0.75	------	------	10.00	Dried skim milk, ----------	As certified, ----------	7590
------	------	------	70.00	Bone charcoal, calcium sulphate, calcium carbonate, calcium phosphate, sodium chloride, potassium iodide.	Found also oyster shell.	7772
6.00	------	------	190.00	Pure flake buttermilk, ----------	As certified, ----------	8120
6.00	------	------	7.50	Pure flake buttermilk, ----------	As certified, ----------	7226
4.00	3.29	5.00	2.40	White hominy feed and pure cane molasses.	As certified, ----------	7966
------	2.63	------	------	----------	Wheat bran and flour, oatmeal, corn meal, bone, meat scraps, alfalfa, molasses.	7755
7.00	7.11	9.00	38.00	Wheat middings with ground screenings not exceeding mill run and palm oil.	As certified, ----------	8174
7.00	6.52	9.00	1.75		As certified, ----------	7654

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	PHILIP R. PARK, INC., SAN PEDRO, CAL.		%	%	%
7858	Manamar,	O. S. Ebersole, Penbrook,	39.69	30.00	3.62
	RALSTON PURINA CO., INC., BUFFALO, N. Y.				
7218	Purina Dog Chow Feed,	Deal Brothers, Bedford,	20.88	20.00	3.21
7212	Purina Rolled Oats,	Deal Brothers, Bedford,	16.94	16.00	6.73
	B. F. SHEESLEY, HARRISBURG, PA.				
8184	Sheesley Quality Feeding Stuffs,	H. F. Reiser, West Leesport.	16.13	15.00	10.28
	STUHR-SEIDL CO., MINNEAPOLIS, MINN.				
7470	Spence Flaxcreen Feed,	Farmers Supply Co., Blairsville.	15.63	15.00	8.49
7653	Spence Flaxcreen Feed,	Watson Stewart Co., Grove City.	15.06	15.00	8.01
	PROPRIETARY POULTRY FEED				
	SCRATCH FEED				
	ACME-EVANS COMPANY, INDIANAPOLIS, IND.				
7789	Acme Scratch Feed,	W. S. Wineland, McKee.	11.06	10.00	2.85
	ANDERSON GRAIN & FEED CO., YORK, PA.				
7867	Anderson's Chick Feed,	E. O. Sprenkle & Son, Hellam.	10.06	10.00	2.57
	WM. B. BARNITZ, CARLISLE, PA.				
7896	Cumberland Scratch Feed,	Wm. B. Barnitz, Carlisle,	10.56	10.00	2.67
	THE BEACON MILLING CO., INC., CAYUGA, N. Y.				
8015	Beacon Special Scratch Grains,	Parks & Woodruff, Montrose.	12.13	9.00	2.07

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
3.00	2.48	4.00	-------	Dried ground fish, dried ground kelp, calcium carbonate, salt.	As certified, ----------	7858
3.00	3.16	4.00	8.00	Dried meat, cooked wheat cereal, cooked corn cereal, cooked rye cereal, wheat germ, wheat bran, barley malt, molasses, dried buttermilk, 1% salt, cod liver oil.	As certified, ----------	7218
6.00	1.23	2.00	5.50	Steamed cooked rolled oats, ------	As certified, ----------	7212
8.00	12.00	12.00	49.00	Choice recleaned flax screenings, --	As certified, ----------	8184
8.00	11.34	14.00	2.40	Choice recleaned flax screenings, pulverized and bolted.	Found also small amount unground weed seeds.	7470
8.00	11.34	14.00	2.40		As certified, ----------	7653
2.50	2.87	5.00	2.75	Wheat, sunflower seed, cracked corn, barley, milo maize, buckwheat.	As certified, ----------	7789
3.00	2.34	5.00	60.00	Cracked corn, cracked wheat, cracked Kaffir corn, hulled oats, millet.	As certified, ----------	7867
2.50	2.56	4.00	51.00	Cracked corn, wheat, Kaffir corn or milo maize, barley, buckwheat and clipped oats.	As certified, ----------	7896
2.50	2.57	3.50	52.00	Cracked corn, wheat, barley, ------	As certified, ----------	8015

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein Found	Protein Guaranteed	Fat Found
	BELLEVILLE FLOUR MILLS CO., BELLEVILLE, PA.		%	%	%
7285	Blue Ribbon Scratch Grains,	Belleville Flour Mills Co., Belleville.	10.81	10.00	2.78
	BLACK ROCK MILLING CORPORATION, BLACK ROCK, N. Y.				
7342	Bidwell Scratch Feed,	J. O. Reed Estate, Philipsburg.	11.38	10.00	3.06
	BLANK & GOTTSHALL CO., INC., SUNBURY, PA.				
7535	B & G Blended Hen Food The Great Egg Producer.	Blank & Gottshall Co., Inc., Sunbury.	11.75	10.00	2.85
7834	B & G Pigeon Food-No Corn,	Western Feed Co., Wilkes-Barre.	13.00	15.00	3.00
	G. E. CONKEY CO., CLEVELAND, OHIO.				
8276	Superior Scratch Grain,	H. B. Hedge, Scenery Hill,	9.50	9.00	2.55
	COOPERATIVE G. L. F. EXCHANGE, INC., BUFFALO, N. Y.				
7726	G. L. F. Chick Scratch,	Cooperative Honesdale G. L. F. Service, Honesdale.	10.69	10.00	2.67
7733	G. L. F. Intermediate Scratch,	Cooperative Honesdale G. L. F. Service, Honesdale.	11.31	10.00	2.84
7729	G. L. F. Super Coarse Scratch,	Cooperative Honesdale G. L. F. Service, Honesdale.	11.69	10.00	2.59
	THE ALBERT DICKINSON CO., CHICAGO, ILL.				
8273	Globe Poultry Scratch (No Grit),	D. M. Campsey, Claysville,	10.44	10.00	3.36
7382	Globe Poultry Scratch (No Grit),	Jacob & Keller Co., St. Marys.	10.75	10.00	3.29
8272	Rival Poultry Scratch (No Grit),	D. M. Campsey, Claysville,	10.25	10.00	3.35
	EASTERN STATES FARMERS EXCHANGE, SPRINGFIELD, MASS.				
7545	Eastern States Chick Grains,	Mark N. Witmer, Dalmatia,	11.25	8.50	2.54
7549	Eastern States Intermediate Scratch Grains.	Mark N. Witmer, Dalmatia,	10.88	8.50	2.24
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
7573	Eshelman's Chick Feed,	The Hex Milling Co., Shamokin.	11.50	10.00	4.07
7602	Eshelman's Chick Feed,	C. B. Rutter, Lansford,	11.31	10.00	4.00
7601	Pennsy Scratch Feed,	C. B. Rutter, Lansford,	10.56	9.00	2.17

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
3.50	2.25	10.00	2.50	Cracked corn, wheat, recleaned wheat screenings, barley, Kaffir, milo, buckwheat and sunflower seed.	Found also oats, ----	7285
1.50	2.62	5.00	2.85	Cracked corn, wheat, barley, oats, buckwheat, Kaffir corn, milo maize, and sunflower seed.	As certified, ----------	7342
2.25	3.43	4.00	2.60	Cracked corn, wheat, Kaffir corn or milo maize, buckwheat, barley, oats, sunflower seed.	As certified, ----------	7535
3.50	4.09	4.00	54.00	Kaffir corn, milo maize, hemp, millet, peas, wheat, buckwheat and vetch.	As certified, ----------	7834
2.00	2.41	3.50	43.90	Cracked corn, barley, wheat, milo, buckwheat.	As certified, ----------	8276
2.50	1.62	3.00	49.00	Cracked corn-fine, cracked wheat, -	As certified, ----------	7726
2.50	1.83	3.00	48.00	Cracked corn-intermediate, whole wheat.	As certified, ----------	7733
2.50	1.97	3.00	46.00	Cracked corn-coarse, whole wheat, -	As certified, ----------	7729
2.50	2.60	3.75	59.00	Corn, wheat, barley, Kaffir, buckwheat ½ of 1% sunflower.	As certified, ----------	8273
2.50	2.41	3.75	3.25		As certified, ----------	7382
2.50	2.68	5.00	55.00	Corn, wheat, barley, oats, Kaffir, buckwheat, ½ of 1% sunflower.	As certified, ----------	8272
1.50	1.43	2.50	-------	Yellow cracked corn-fine, E. S. wheat-cracked.	As certified, ----------	7545
2.50	1.64	2.50	-------	E. S. yellow cracked corn-medium, E. S. wheat.	As certified, ----------	7549
3.00	1.49	3.00	2.90	Cracked corn, cracked wheat, cracked Kaffir corn, oat groats, 1% millet.	As certified, ----------	7573
3.00	1.60	3.00	2.80		As certified, ----------	7602
2.50	2.58	4.00	2.50	Cracked corn, barley, buckwheat, Kaffir corn, oats.	As certified, ----------	7601

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	HALES & HUNTER CO., CHICAGO, ILL.		%	%	%
7614	Morning Glory Fine Chick,	Corsica Roller Mills, Corsica.	9.75	10.00	1.98
	KASCO MILLS, INC., TOLEDO, OHIO.				
7393	Kasco Scratch Grains,	Thompson Brothers, Ridgway.	11.00	10.00	3.08
7718	Kasco Scratch Grains,	Verano's Warehouse, Mt. Carmel.	11.44	10.00	2.51
	KLEPSER BROTHERS, ALTOONA, PA.				
8197	Prize Poultry Grains,	Klepser Brothers, Altoona,	10.13	8.00	3.02
	CHAS. A. KRAUSE MILLING CO., MILWAUKEE, WIS.				
7799	Bingo Scratch Feed,	James McNelis, Hastings,	11.94	10.00	2.29
	THE LARROWE MILLING CO., DETROIT, MICH.				
7344	Larro Chick Grains,	J. O. Reed Estate, Philipsburg.	11.81	10.00	3.17
7345	Larro Scratch Grains,	J. O. Reed Estate, Philipsburg.	11.69	10.00	3.34
	MARITIME MILLING CO., INC., BUFFALO, N. Y.				
8085	BB Daisy Scratch Feed,	Fegley & Moyer, Pine Grove.	10.06	9.00	2.25
7839	BB Daisy Scratch Feed,	Henry Gass Sons, Reading,	10.63	9.00	2.25
7613	BB Developing Feed,	Corsica Roller Mills, Corsica,	10.75	10.00	2.56
7835	BB Developing Feed,	Henry Gass Sons, Reading,	10.69	10.00	2.59
7850	BB Developing Feed,	Roopsburg Mills, Bellefonte,	11.19	10.00	2.18
8078	BB Marmico Scratch Feed,	M. & W. Spector, Shenandoah.	10.13	9.00	2.32
8090	BB Pigeon Feed,	Fegley & Moyer, Pine Grove.	12.69	11.00	2.43
	THE MIFFLINBURG FARMERS EXCHANGE, INC., MIFFLINBURG, PA.				
7575	Healthy Chick Food "Make Em Grow",	The Mifflinburg Farmers Exchange, Inc., Mifflinburg.	11.44	11.56	3.10
7577	Healthy Hen Food "Make Em Lay",	The Mifflinburg Farmers Exchange, Inc., Mifflinburg.	10.56	10.13	3.78

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
2.50	1.45	5.00	3.00	Cracked wheat, cracked corn, cracked milo, millet and steel cut oats.	As certified,	7614
2.50	2.90	4.00	2.90	Cracked corn, wheat, barley, buckwheat, Kaffir corn, or milo maize, sunflower seed.	As certified,	7393
2.50	2.63	4.00	2.50		Kaffir corn or milo maize and sunflower seed not detected. Found also oats.	7718
1.50	2.55	4.00	55.00	Wheat, Kaffir corn, barley, cracked Indian corn, buckwheat, oats and grit.	Grit not detected,	8197
1.50	2.99	5.00	52.00	Wheat corn, barley, buckwheat screenings, sunflower seed.	Sunflower seed not detected. Found also milo maize.	7799
3.00	1.18	3.50	3.75	Cracked corn, steel cut wheat, steel cut oat groats and cracked milo.	As certified,	7344
2.50	3.06	4.00	2.95	Cracked corn, wheat, barley, milo, buckwheat and ½% sunflower seed.	As certified,	7345
2.50	3.36	5.00	2.80	Cracked corn, clipped oats, buckwheat, Kaffir corn or milo maize, barley, wheat and sunflower seed.	As certified,	8085
2.50	3.12	5.00	2.60		As certified,	7839
2.00	2.34	5.00	2.80	Cracked corn, buckwheat, wheat, green split peas and milo maize.	As certified,	7613
2.00	2.51	5.00	3.00		As certified,	7835
2.00	2.37	5.00	3.50		As certified,	7850
2.50	2.92	5.00	2.60	Cracked corn, clipped oats, buckwheat, Kaffir corn or milo maize, barley, wheat.	Found also sunflower seed.	8078
4.00	3.71	4.00	4.00	Wheat, milo maize, buckwheat, millet, hemp seed and peas.	As certified,	8090
3.76	1.67	2.55	2.70	Cracked corn, cracked wheat, milo maize and cracked hulled oats.	As certified,	7575
5.59	2.28	2.67	2.60	Cracked corn, wheat, barley, milo maize, buckwheat and sunflower seed.	As certified,	7577

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein Found	Protein Guaranteed	Fat Found
	MOSES BROTHERS CO., INC., EATON, N. Y.		%	%	%
7745	Moco Eaton Scratch Grains,	C. E. Bates, Honesdale,	11.25	10.00	2.54
	NICKLE PLATE FLOUR MILLS, ERIE, PA.				
7603	Nickle Plate Scratch Feed,	Nickle Plate Flour Mills Wesleyville.	10.88	9.00	3.08
	THE PARK & POLLARD CO., BUFFALO, N. Y.				
7569	Park & Pollard Intermediate Chick Feed.	Shamokin Milling Co., Shamokin.	11.13	10.00	2.53
7348	Park & Pollard Red Ribbon Chick Feed.	J. O. Reed Estate, Philipsburg.	11.38	10.00	2.83
7566	Park & Pollard Red Ribbon Chick Feed.	Shamokin Milling Co., Shamokin.	11.13	10.00	2.61
	PRATT FOOD CO., PHILADELPHIA, PA.				
8260	Pratt's Utility Large Scratch Feed,	H. C. Beerits Sons, Somerset.	9.75	10.00	2.91
	PURITAN MILLS, CHICAGO, ILL.				
7403	Plymouth Scratch Feed No Grit,	Star Milling Co., Clymer,	11.13	9.00	2.77
	THE QUAKER OATS CO., CHICAGO, ILL.				
8118	Early Bird Scratch Grains No Grit,	D. W. Foust & Son, Chambersburg.	10.06	9.50	3.21
8220	Early Bird Scratch Grains No Grit.	J. J. Kennedy & Sons, Zelienople.	10.19	9.50	3.00
7295	Early Bird Scratch Grains No Grit.	Klien Wolf, Howard,	10.69	9.50	3.37
7221	Schumaher's Little Chick Feed,	Davidson Brothers, Bedford,	11.38	10.00	2.68
7298	Schumaher's Little Chick Feed,	Klien Wolf, Howard,	10.63	10.00	2.48
8098	Schumaher's Scratch Grains No Grit,	Charles Werner & Co., Pine Grove.	10.50	10.00	2.75
	RALSTON PURINA CO., INC., BUFFALO, N. Y.				
7487	Baby Chick Chow Feed,	W. W. Lauderburn, Weissport.	12.50	10.00	2.70
7215	Purina Hen Chow Feed,	Deal Brothers, Bedford,	11.44	10.00	2.85
7859	Purina Hen Chow Feed,	O. S. Ebersole, Penbrook,	10.63	10.00	2.76
8137	Purina Hen Chow Feed,	C. J. Miller, Calcium,	10.38	10.00	3.15

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
3.00	3.15	10.00	46.50	Cracked corn, barley, wheat, Kaffir, buckwheat, sunflower seed.	As certified,	7745
3.00	3.73	9.00	2.75	Cracked corn, wheat, buckwheat, barley, milo or Kaffir corn and sunflower seed.	As certified,	7603
3.00	1.95	5.00	2.90	Cracked corn, hulled barley, wheat buckwheat, hulled oats, Kaffir corn, and milo maize.	As certified,	7569
2.00	1.55	5.00	3.50	Cracked corn, wheat, oats, Kaffir corn, milo and whole millet seed.	As certified,	7348
3.00	1.54	5.00	2.90	oat groats.	As certified,	7566
2.50	2.60	5.00	54.00	Wheat, barley, cracked corn, milo, Kaffir, buckwheat and oats.	As certified,	8260
3.00	2.23	4.00	2.80	Wheat, sifted cracked corn, barley, Kaffir, buckwheat and sunflower seed.	Sunflower seed not detected.	7403
2.00	2.72	3.50	54.00	Cracked corn, whole barley, whole wheat, whole Kaffir corn, whole milo maize, buckwheat, ½ of 1% sunflower seed.	As certified,	8118
2.00	2.59	3.50	2.65		As certified,	8220
2.00	2.52	3.50	2.40		As certified,	7295
2.00	1.84	2.00	2.85	Cracked corn, cracked wheat cracked Kaffir corn, cracked milo maize, cut oat groats and millet seed.	As certified,	7221
2.00	1.81	2.00	-------		As certified,	7298
2.00	2.47	3.50	3.00	Cracked corn, whole barley, whole wheat, whole Kaffir corn, whole milo maize, buckwheat, ½ of 1% sunflower seed.	As certified,	8098
2.00	1.96	4.00	3.35	Wheat, corn, Kaffir, milo, millet, steel cut groats.	As certified,	7487
2.50	2.76	4.00	3.10	Wheat, corn, barley, Kaffir, milo, buckwheat, sunflower seed.	Found also oats,	7215
2.50	2.85	4.00	62.00		As certified,	7859
2.50	3.13	4.00	2.85		As certified,	8137

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
7831	Purina Intermediate Hen Chow Feed.	West Linden Mill & Grain Co., Scranton.	10.31	10.00	2.64
7504	Winner Scratch Feed,	Center Milling Co., Philipsburg.	11.31	10.00	3.40
7824	Winner Scratch Feed,	West Linden Mill & Grain Co., Scranton.	11.31	9.50	2.54
	GEORGE L. REED MILLING CO., BROOKVILLE, PA.				
7509	Mabon Mills Big Hen Mixed Grains,	George L. Reed Milling Co., Brookville.	10.50	9.00	2.75
	RICHARDS & EVANS CO., CORTLAND, OHIO.				
8224	Cortland Scratch Grains,	B. N. Palmer Co., Portage,	11.38	9.00	2.81
7316	Richard's Scratch Grains,	J. B. Hayward & Son, Monongahela.	10.63	9.00	2.88
	THE ROBEY MILLS, CHICAGO, ILL.				
7364	Daily Egg Scratch Feed,	Atlantic & Pacific Tea Co., Oil City.	10.63	10.00	2.58
	SHAMOKIN MILLING CO., SHAMOKIN, PA.				
7564	Golden Egg Hen Food,	Shamokin Milling Co., Shamokin.	11.25	9.00	3.15
	D. A. STICKELL & SONS, INC., HAGERSTOWN, MD.				
7823	Snap Scratch Grains,	West Linden Mill & Grain Co., Scranton.	11.75	10.00	2.50
8136	Stickell's Intermediate Chick Feed,	Cumberland Valley Feed Produce Co., Chambersburg.	10.75	10.00	3.33
8134	Su-Pur Scratch Grain,	Cumberland Valley Feed Produce Co., Chambersburg.	11.81	10.00	2.45
	R. F. SWARTZ, BOWMANSTOWN, PA.				
8180	Quality Scratch Feed,	R. F. Swartz, Bowmanstown.	10.81	9.00	3.18
	SWOPE BROTHERS, JOHNSTOWN, PA.				
7432	Banner Chick Feed,	Swope Brothers, Johnstown,	10.63	8.50	3.31
7431	Cambria Chicken Feed,	Swope Brothers, Johnstown,	11.13	10.00	2.55
7430	Excelsior Chicken Feed,	Swope Brothers, Johnstown,	10.94	8.00	2.43

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
2.50	2.36	4.00	65.00	Wheat, corn, Kaffir, milo, buckwheat and oat groats.	As certified,	7831
2.00	2.70	5.00	-------	Wheat, corn, barley, Kaffir, milo and buckwheat.	As certified,	7504
2.00	2.98	4.00	52.00	Wheat, corn, Kaffir, milo, barley, sunflower seed.	As certified,	7824
2.50	3.29	6.00	2.70	Cracked corn, wheat, buckwheat, barley, Kaffir corn or milo maize.	As certified,	7509
2.50	2.88	6.00	58.00	Wheat, cracked corn, barley, buckwheat, milo maize.	Found also oats and wild oats.	8224
2.50	3.07	6.00	45.00	Wheat, cracked corn, buckwheat, sunflower seed, milo maize.	As certified,	7316
2.50	2.37	5.00	-------	Wheat, cracked corn, Kaffir corn, barley, oats, milo, sunflower seed, buckwheat.	As certified,	7364
3.00	2.35	3.50	2.45	Wheat, buckwheat, Kaffir corn, cracked corn, oats.	As certified,	7561
2.50	2.61	5.00	55.00	Wheat, buckwheat, barley, milo maize, Indian corn, Kaffir corn, sunflower seed.	As certified,	7823
2.50	2.03	5.00	60.00	Wheat, oat groats, Kaffir corn, Indian corn.	Found also milo maize	8136
2.50	2.81	5.00	56.00	Wheat, buckwheat, barley, milo maize, Indian corn, Kaffir corn, sunflower seed.	Found also oats,	8134
1.50	3.32	5.00	2.75	Cracked corn, wheat, buckwheat, barley, oats, sunflower seed.	As certified,	8180
3.00	2.00	5.00	65.00	Wheat, corn, Kaffir corn, millet, charcoal, oatmeal and grit.	As certified,	7432
2.50	2.89	5.00	51.00	Cracked corn, wheat, barley, milo maize, buckwheat, oats.	As certified,	7431
2.00	2.75	5.00	53.00	Corn, Kaffir corn, buckwheat, wheat, oats, barley, sunflower seed, milo maize.	As certified,	7430

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	TIOGA-EMPIRE FEED MILLS INC., WAVERLY, N. Y.		%	%	%
7928	Derby-E-Gee Scratch Feed,	Neil S. Harrison, Forks,	10.31	9.00	2.74
7367	Tioga Neverfail Chick Grains,	R. F. Swartz, Bowmanstown.	11.44	10.00	3.70
	WAYNE FEED MILLS, FORT WAYNE, IND.				
7700	Wayne Poultry Developer,	Mifflinburg Milling Co., Inc. Mifflinburg.	11.50	10.00	2.73
7879	Wayne Scrtach Feed,	Frank Fickes, Newport,	9.69	10.00	2.57
7279	Wayne Scrtach Feed,	Goss Brothers, Alexandria,	10.31	10.00	3.45
7701	Wayne Scrtach Feed,	Mifflinburg Milling Co., Inc., Mifflinburg.	10.06	10.00	2.18
7311	Wayne Scrtach Feed,	E. F. Sphar & Co., Roscoe,	10.31	10.00	3.11
7699	Wayne Special Chick Feed,	Mifflinburg Miling Co., Inc., Mifflinburg.	11.88	9.00	2.39
	J. M. WYCKOFF, EAST STROUDSBURG, PA.				
7670	Scrtach Feed,	J. M. Wyckoff. East Stroudsburg.	11.06	10.00	2.55
	MASH FEED				
	AMERICAN MILLING CO., PEORIA, ILL.				
7672	Amco Egg Mash,	Jonestown Roller Mills, Orangeville.	21.25	20.00	5.49
7844	Amco Egg Mash,	F. W. Smith, Fleming,	20.44	20.00	6.08
	ANDERSON GRAIN & FEED CO., YORK, PA.				
7866	Anderson's Growing Mash with Dried Buttermilk.	E. O. Sprenkle & Son, Hellam.	15.69	16.00	5.11
7865	Anderson's 20% Laying Mash with Dried Buttermilk and Organic Minerals.	E. O. Sprenkle & Son, Hellam.	20.19	20.00	6.02
	GEORGE M. ANTHONY, STRAUSSTOWN, PA.				
7596	Anthony's Chick Starter,	Horace Stroh, Hamburg,	14.19	14.00	4.11

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
2.04	4.03	4.50	2.75	Cracked corn, barley, wheat, buckwheat, oats.	As certified,	7938
3.00	1.39	3.50	3.60	Oatmeal, cracked wheat, cracked corn.	As certified,	7367
2.50	2.13	5.00	3.00	Wheat, cracked corn, Kaffir, milo, millet, buckwheat.	As certified,	7700
3.00	2.73	5.00	58.00	Wheat, corn, Kaffir, milo, barley, oats, buckwheat, ½ of 1% sunflower seed.	As certified,	7879
3.00	2.24	5.00	3.00		As certified,	7279
3.00	1.96	5.00	2.75		As certified,	7701
3.00	2.58	4.60	45.00		As certified,	7311
2.50	1.68	5.00	3.00	Wheat, corn, Kaffir, milo, millet.	As certified,	7699
2.50	3.20	5.00	2.40	Cracked corn, Kaffir corn, wheat, oats, barley, sunflower seed, buckwheat.	As certified,	7670
4.00	4.62	7.00	3.00	Wheat standard bran, wheat flour middlings, corn meal, heavy, fine ground oats, meat scraps 55%, salt.	Found also small amount ground screenings.	7672
4.00	5.59	7.00	2.90		Salt not detected. Found also tankage.	7844
4.00	4.73	6.00	66.00	Ground oatmeal, corn meal, meat scrap, bone meal, dried buttermilk, wheat middlings, bone charcoal, calcium carbonate, calcium phosphate, ¾ of 1% salt, potassium iodide, alfalfa leaf meal.	As certified,	7866
5.00	6.33	8.00	62.00	Corn meal, wheat bran, wheat middlings, ground oats, meat scrap, fish scrap, dried buttermilk, gluten feed, O. P. oil meal, alfalfa meal, ¾ of 1% salt. Oberco organic minerals (bone charcoal, calcium phosphate, calcium sulphate, potassium iodide).	As certified,	7865
4.50	5.20	5.00	4.50	Wheat bran, wheat middlings, hulled oats, corn meal, alfalfa leaf meal, (25% fiber extracted), bone meal, grit, oyster shells, cod liver oil, charcoal, salt and dried buttermilk.	As certified,	7596

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
7598	Anthony's Perfectly Balanced Growing Mash.	Horace Stroh, Hamburg, --	15.13	15.00	5.30
7597	Anthony's Perefectly Balanced Laying Mash.	Horace Stroh, Hamburg, --	18.88	19.00	5.33
	ARCADY FARMS MILLING CO., CHICAGO, ILL.				
7950	Arcady Besbet Growing Mash, --------	Mars Milling & Feed Co., Mars.	15.06	16.00	4.47
7411	Arcady Besbet Laying Mash, --------	A. S. Bowser, Kittanning,	19.50	20.00	6.04
7264	Arcady Besbet Laying Mash, --------	W. E. Starmer, Reynoldsville.	19.69	20.00	6.39
	ATLANTIC FEED & SUPPLY CO., ATLANTIC, PA.				
7815	Afco Chick Mash, ----------	Atlantic Feed & Supply Co., Atlantic.	15.88	15.00	4.32
7816	Afco Laying Mash, ----------	Atlantic Feed & Supply Co., Atlantic.	19.06	20.00	4.79
	J. J. BADENOCH CO., CHICAGO, ILL.				
8143	Sunflower Egg Mash with Molasses, --	Peterman Brothers, Muncy,	21.63	20.00	4.59
	WM. B. BARNITZ, CARLISLE, PA.				
7899	Cumberland Growing Mash, ----------	Wm. B. Barnitz, Carlisle, -	16.75	16.00	5.00

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
3.50	5.16	5.50	3.40	Wheat bran, wheat middlings, ground oats, corn meal, bone meal, grit, oyster shells, charcoal, salt, beef scrap, alfalfa leaf meal (25% fiber extracted) and cod liver oil.	As certified, ----------	7598
4.00	4.80	6.00	3.00	Wheat bran, wheat middlings, ground oats, corn meal, gluten feed, alfalfa meal (25% fiber extracted), beef scrap, bone meal, grit, oyster shell, charcoal, cod liver oil and salt.	As certified, ----------	7597
4.00	7.10	10.00	3.25	Meat scrap, dried buttermilk, oat meal, O. P. linseed oil meal, corn gluten feed, corn feed meal wheat bran, wheat middlings, alfalfa meal, bone meal, 1% calcium carbonate, ½ of 1% salt.	Found also small amount ground grain screenings.	7950
4.00	6.89	9.00	3.20	Meat scraps, corn feed meal, corn gluten feed, alfalfa meal, O. P. linseed oil meal, wheat bran, wheat middlings, bone meal, calcium carbonate from limestone, dried buttermilk, ½ of 1% salt, oatmeal.	Found also small amount ground screenings and unground weed seeds.	7411
4.00	6.55	9.00	3.10		As certified, ----------	7264
3.00	6.76	7.00	82.00	Wheat bran, wheat flour middlings, ground rolled oats, hominy feed, poultry bone meal, charcoal, alfalfa leaf meal and sweet milk powder.	Found also calcium carbonate.	7815
5.00	7.74	8.00	54.00	Wheat bran, wbeat flour middlings, ground oats, corn meal, alfalfa leaf meal, meat scraps, cbarcoal, salt.	Found also calcium carbonate and bone meal.	7816
4.50	4.29	8.00	3.25	Meat and bone scrap, dried buttermilk, alfalfa meal, wheat bran, wbeat middlings, corn feed meal, ground oats, ground barley, old process linseed oil meal, corn gluten feed, molasses, mineral mixture 5% (52 parts calcium carbonate from limestone, 35 parts steamed bone meal, 10 parts salt, 3 parts iron oxide and .035% potassium iodide).	Found also ground grain screenings.	8143
4.50	6.64	6.50	64.00	Corn meal, ground clipped oats, wbeat middlings, bran, meat meal, fish meal, alfalfa meal, dried buttermilk and Oberco Minerals (bone charcoal, calcium carbonate, sodium chloride and potassium iodide).	As certified, ----------	7899

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
7897	Cumberland Laying Mash,	Wm. B. Barnitz, Carlisle,	19.56	20.00	5.01
	THE BEACON MILLING CO., INC., CAYUGA, N. Y.				
8007	Beacon Egg Mash with Buttermilk,	Parks & Woodruff, Montrose.	21.88	21.00	4.74
8020	Beacon Growing Mash with Cod Liver Oil.	Parks & Woodruff, Montrose.	17.63	17.00	5.33
8009	Beacon Turkey Grownig Feed,	Parks & Woodruff, Montrose.	15.81	15.00	5.14
8019	Cayuga Growing Mash,	Parks & Woodruff, Montrose.	16.94	15.00	5.27
8018	Cayuga Laying Mash With Buttermilk.	Parks & Woodruff, Montrose.	20.19	20.00	4.81
	BELLEVILLE FLOUR MILLS CO., BELLEVILLE, PA.				
7281	Blue Ribbon Dry Mash for Poultry,	Belleville Flour Mills Co., Belleville.	18.19	20.00	4.33

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
% 5.00	% 7.26	% 7.00	$ 56.00	Dried buttermilk, meat meal, fish meal, wheat bran, wheat middlings, ground clipped oats, ground corn, alfalfa meal, poultry bone meal, charcoal, calcium carbonate, ½ of 1% salt.	As certified, ----------	7897
4.50	6.08	7.00	68.00	Dried buttermilk, dried skimmed milk, meat scrap, bone meal, fish meal, corn gluten meal, pulverized barley, pulverized heavy oats, corn meal, alfalfa leaf meal, wheat bran, wheat middlings, 2½% calcium carbonate, 1½% calcium phosphate, ½% fine salt, 1% protozyme (an enzyme supplying product derived from biochemically processed cereals).	As certified, ----------	8007
4.00	6.30	7.00	73.00	Dried buttermilk, dried skim milk, meat scrap, bone meal, old process linseed oil meal, pulverized heavy oats, pulverized barley, corn meal, wheat reddog, alfalfa leaf meal, wheat bran, wheat middlings, 2% calcium carbonate, 1% calcium phosphate, ½% salt, 2% protozyme (an enzyme supplying product derived from biochemically processed cereal).	Found also small amount ground screenings.	8020
4.00	6.02	6.00	72.00	Dried skimmed milk, alfalfa leaf meal, linseed oil meal, meat scrap, bone meal, wheat bran and wheat middlings, wheat reddog flour, pulverized heavy oats, pulverized barley, corn meal, 2% calcium carbonate, ½% salt, 2% protozyme (an enzyme supplying product derived from biochemically processed cereal).	Found also small amount ground screenings.	8009
4.00	6.55	7.00	63.00	Dried buttermilk, dried skim milk, meat scrap, old process linseed oil meal, pulverized heavy oats, corn meal, bone meal, pulverized barley, wheat bran, wheat middlings, alfalfa leaf meal, 3% calcium carbonate, 1% calcium phosphate, ¾% salt.	Found also small amount ground screenings and glumes from corn cob.	8019
4.00	7.08	7.00	58.00	Dried buttermilk, dried skim milk, fish meal, meat scrap, corn meal, alfalfa leaf meal, wheat bran, wheat middlings, pulverized barley corn gluten meal, pulverized, heavy oats, 2% calcium carbonate, 1% calcium phosphate, ½% salt.	Found also small amount ground screenings and glumes from corn cob.	8018
4.00	8.85	9.00	3.20	Wheat bran, wheat middlings, ground oats, ground corn, fine alfalfa meal, gluten feed, bone meal, fish meal, meat meal, powdered buttermilk, powdered charcoal and ¾ of 1% salt.	Found also cottonseed meal and ground oyster shells.	7281

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	BLANK & GOTTSHALL CO., INC., SUNBURY, PA.		%	%	%
7534	B & G Mash Food,	Blank & Gottshall Co., Inc., Sunbury.	18.00	17.00	5.22
7524	Quaker State Egg Mash with Buttermilk.	Blank & Gottshall Co., Inc., Sunbury.	20.63	20.00	5.23
	BOYER FEED CO., BEAVER SPRINGS, PA.				
7681	Red Top Laying Mash,	Boyer Feed Co., Beaver Springs.	18.50	18.00	4.81
	JOHN S. BROWN'S SON, NEW CASTLE, PA.				
7940	Our Quality Starting Growing Oatmeal Mash.	John S. Brown's Son, New Castle.	15.25	15.00	4.39
	CITY FLOURING MILLS, INC., MUNCY, PA.				
8151	Muncy Starting and Growing Mash,	City Flouring Mills, Inc., Muncy.	17.19	19.00	4.02
	G. E. CONKEY CO., CLEVELAND, OHIO.				
7949	Conkey's Gecco Egg Mash,	Mars Milling & Feed Co., Mars.	21.00	20.00	5.82
8141	Conkey's Gecco Egg Mash with Y-O,	Chaapels Seed Store, Williamsport.	21.19	20.00	6.53
7324	Conkey's Gecco Egg Mash with Y-O,	Latrobe Feed Supply Co., Latrobe.	23.13	20.00	6.10

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
5.00	9.32	9.00	2.80	Corn feed meal, wheat bran, wheat middlings, gluten feed, alfalfa meal, fish scrap, meat scrap, linseed meal, ground oats, calcium carbonate, salt.	As certified, ----------	7534
4.00	6.50	7.00	3.15	Dried buttermilk, fine ground feeding oatmeal, wheat bran, wheat middlings, corn feed meal, gluten feed, fine ground alfalfa meal, linseed meal, meat scraps, bone meal, charcoal, calcium carbonate and salt.	Found also small amount ground screenings.	7524
4.00	7.23	8.00	2.80	Ground corn, and oats, wheat bran, wheat middlings, meat meal, fish meal, linseed oil meal, alfalfa meal, bone meal, gluten feed, molasses, charcoal, 2% calcium carbonate, 1% salt.	As certified, ----------	7681
5.00	6.65	5.00	3.25	Whole ground corn, oatmeal, wheat bran, wheat middlings, alfalfa leaf meal, meat scrap, oil meal, dried buttermilk, charcoal, salt, fish meal, bone meal, ground oats, cod liver oil.	As certified, ----------	7940
5.00	4.83	7.00	60.00	Wheat middlings, wheat bran, corn meal, alfalfa leaf meal, pulverized oats, corn gluten feed, soda, linseed oil meal, salt, meat scraps, bone meal, pulverized limestone and Barker's Mineral Mix.	As certified, ----------	8151
5.00	5.69	7.00	3.50	Buttermilk, wheat bran, corn feed meal, wheat middlings, O. P. linseed oil meal, alfalfa meal, meat scrap, soy bean oil meal, corn gluten feed, steamed bone meal, 1% calcium carbonate, ½ of 1% salt.	As certified, ----------	7949
5.00	4.81	7.00	4.00	Buttermilk, wheat middlings, meat scrap, corn feed meal, wheat bran, old process oil meal, alfalfa meal, soy bean oil meal, corn gluten feed, steam bone meal, 1% calcium carbonate, ½% salt, Y-O (cod liver oil, yeast, soybean oil meal, wheat middlings, red oxide of iron).	As certified, ----------	8141
5.00	5.05	7.00	3.50		As certified, ----------	7324

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
8142	Conkey's Gecco Growing Mash with Buttermilk and Y-O.	Chaapels Seed Store, Williamsport.	20.13	18.00	6.43
7325	Conkey's Laying Mash with Buttermilk.	Latrobe Feed Supply Co., Latrobe.	20.25	20.00	5.92
7515	Conkey's Starting Feed,	Kline Flour Mills Co., Brookville.	15.13	14.00	5.37
	COOPERATIVE G. L. F. EXCHANGE, INC., BUFFALO, N. Y.				
7730	G. L. F. Growing Mash with Meat Scraps.	Cooperative Honesdale G. L. F. Service, Honesdale.	18.00	17.00	5.09
7728	G. L. F. Laying Mash,	Cooperative Honesdale G. L. F. Service, Honesdale.	21.06	20.00	5.70
7731	G. L. F. Starting and Growing Mash.	Cooperative Honesdale G. L. F. Service, Honesdale.	18.56	17.00	4.87
7737	G. L. F. Starting and Growing Mash.	Cooperative Honesdale G. L. F. Service, Honesdale.	18.88	17.00	4.87
7732	G. L. F. Super Laying Mash,	Cooperative Honesdale G. L. F. Service, Honesdale.	20.69	18.50	4.98
	W. E. CUSTER, MILTON, PA.				
7559	Custer's Chick Starter No. 1,	W. E. Custer, Milton,	14.75	14.00	4.74
7558	Custer's Egg Mash,	W. E. Custer, Milton,	20.00	20.00	5.56

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
5.50	5.41	7.50	4.00	Buttermilk, corn feed meal, wheat bran, wheat middlings, fine ground oats, raw bone meal, meat scrap, soybean oil meal, old process oil meal, crude milk albumen, salt ½%, Y-O (cod liver oil, yeast, ¼% red oxide of iron, soy bean oil meal, wheat middlings).	Found also alfalfa meal.	8142
5.00	4.62	6.00	3.50	Semi-solid buttermilk and meat scraps, corn meal, corn feed meal, soy bean oil meal, wheat bran, wheat middlings, O. P. Linseed oil meal, raw bone meal, ½% salt.	As certified, ----------	7325
5.50	3.17	5.00	4.40	Buttermilk, corn meal, corn feed meal, oatmeal, wheat middlings, raw bone meal, blood flour, meat meal, crude milk albumen, salt ½%, Y-O (cod liver oil, yeast, soybean oil meal, wheat middlings, ¼% red oxide of iron).	As certified, ----------	7515
4.00	4.89	6.00	53.00	Wheat bran (may contain mill run screenings), wheat flour middlings, corn meal, heavy, fine ground low fiber oats, meat scraps-55-60%, salt.	As certified, ----------	7730
4.00	4.76	7.00	52.00	Meat scraps 55-60%, wheat flour middlings, heavy, fine ground low fiber oats, cornmeal, wheat bran (bran and middlings may contain mill run screenings), salt.	As certified, ----------	7728
4.00	3.45	6.00	62.00	Dried buttermilk, meat scraps 55-60%, wheat flour middlings, corn meal, heavy, fine ground low fiber oats, wheat bran (may contain mill run screenings), bone meal-steamed, salt.	As certified, ----------	7731
4.00	3.82	6.00	61.00		As certified, ----------	7737
4.00	4.99	7.50	58.00	Wheat bran (may contain mill run screenings), wheat flour middings, corn meal, heavy, fine ground low fiber oats, alfalfa leaf meal, dried buttermilk, meat scraps 55-60%, salt.	As certified, ----------	7732
3.50	4.13	5.00	4.00	Wheat middlings, ground oats, bone meal, charcoal, skimmed milk, salt, sugar, calcium phosphate, starch, oxide of iron, anise, dried blood, cod liver oil and dried buttermilk, ground corn.	As certified, ----------	7559
6.00	7.80	8.50	3.00	Meat scraps, charcoal, salt, wheat middlings, wheat bran, ground oats, ground corn, powdered whole and skimmed milk, starch, sugar, calcium phosphate, anise, oxide iron, dried blood, alfalfa meal.	As certified, ----------	7558

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	A. O. DAILEY & SONS, BINGHAMTON, N. Y.		%	%	%
7994	Egg-O-Day Laying Mash with Buttermilk.	M. J. Kane, Montrose,	23.13	21.00	5.55
	THE ALBERT DICKINSON CO., CHICAGO, ILL.				
8207	Dickinson's Globe All Mash Laying Ration.	J. A. Dixson, New Galilee,	17.19	16.00	4.95
7250	Dickinson's Globe Egg Mash with Dried Buttermilk.	West Apollo Milling Co., Apollo.	21.69	20.00	5.35
8210	Dickinson's Globe Egg Producer,	Hildebrand-Jones Co., New Brighton.	17.63	18.00	4.93
	DIETRICK & GAMBRILL, INC., FREDERICK, MD.				
7543	Frederick Laying Mash,	J. B. Kelley, Washingtonville.	20.31	20.00	6.26
8023	Gambrill's Growing Mash,	Keystone Mills, Hughesville,	18.44	16.00	6.43
	DUFFEY & GLAZIER, WEBSTER MILLS, PA.				
7626	Peerless Egg Mash,	Duffey & Glazier, Webster Mills.	19.44	20.00	5.70

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	4.49	6.00	69.00	Dried buttermilk, fish meal, bone meal, meat scrap, cod liver oil, cod liver meal, corn meal, corn gluten feed, wbeat bran and wheat flour middlings (with screenings not to exceed mill run), calcium carbonate, salt.	As certified,	7994
3.50	6.59	6.00	3.50	Dried buttermilk, fine ground meat scraps, corn gluten feed, linseed oil meal, oat flour, corn feed meal, wheat middlings, wheat bran, fine ground alfalfa meal, bone meal, 2% calcium carbonate, ½ of 1% salt.	Found also small amount ground screenings.	8207
4.00	5.84	6.00	3.50	Dried buttermilk, fine ground meat scraps, corn gluten feed, linseed oil meal, oat flour, wheat bran, wbeat middlings, corn feed meal, fine ground alfalfa meal, bone meal, 2% calcium carbonate, ½ of 1% salt.	As certified,	7250
3.50	8.39	7.00	3.35	Dried buttermilk, fine ground meat scraps, corn gluten feed, linseed oil meal, oat flour, soybean oil meal, corn feed meal, wheat middlings, wbeat bran, fine ground alfalfa meal, bone meal, 2% calcium carbonate, ½ of 1% salt.	Found also small amount ground grain screenings.	8210
5.00	6.00	7.00	3.10	Wheat bran, wheat middlings, corn feed meal, pulverized oats, alfalfa meal, gluten feed, meat scraps, fish meal, dried buttermilk, ½% salt.	Found also small amount ground screenings.	7543
4.00	5.23	7.00	67.00	Oat meal, wheat bran, wheat middlings, corn feed meal, gluten feed, meat scraps, fish meal, malt flour, dried buttermilk, cod liver oil, 2% bone charcoal, calcium sulphate, calcium carbonate, calcium phosphate, potassium iodide, ½% salt.	As certified,	8056
6.00	5.38	8.50	3.30	Wheat bran, wheat middlings, ground corn, ground oats, meat scrap, fish meal, powdered sweet milk, anise, starch, salt, sugar, iron oxide, calcium phosphate, dried blood, charcoal, skimmed milk.	As certified,	7626

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	EASTERN STATES FARMERS EXCHANGE, SPRINGFIELD, MASS.		%	%	%
7546	Eastern States 20% Egg Mash, -------	Mark N. Witmer, Dalmatia,	22.88	20.00	6.14
7550	Eastern States Starting and Growing Mash.	Mark N. Witmer, Dalmatia,	19.06	16.00	6.05
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
7906	Eshelman's Growing Mash, ----------	R. P. Seybert, Palmerton,	17.81	16.00	5.16
7861	Eshelman's Laying Mash, ----------	Hiesland & Co., Salinga, --	21.88	20.00	6.00
	S. FOUGHT & SON, HUGHESVILLE, PA.				
8031	Fought's Pennsylvania State Laying Mash.	S. Fought & Son, Hughesville.	21.44	18.00	5.37
	H. L. GARRISON & BROTHER, BERWICK, PA.				
8066	Extra Quality Growing Mash, --------	H. L. Garrison & Brother, Berwick.	18.75	18.00	5.38
8067	Extra Quality Laying Mash, ----------	H. L. Garrison & Brother, Berwick.	19.81	17.00	5.04
	D. H. GRANDIN MILLING CO., JAMESTOWN, N. Y.				
8073	Grandin's Laying Mash with Buttermilk.	Ash Brothers, Briar Creek,	21.94	20.00	4.46

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	5.77	6.50	-------	E. S. yellow corn meal, E. S. meat scraps 50%, wheat flour middlings, standard wheat bran, alfalfa leaf meal, E. S. pure ground oats, steamed bone meal, salt.	As certified, ----------	7546
4.00	4.21	6.00	-------	E. S. yellow corn meal, standard wheat bran, wheat flour middlings, ground oat groats, pure dried buttermilk, alfalfa leaf meal, steamed bone meal, pure fish meal 55%, E. S. meat scraps 50%, salt.	As certified, ----------	7550
4.00	6.74	7.00	3.10	Wheat middlings, corn feed meal, meat scrap, fish scrap, wheat bran, corn gluten feed, ground oats, hominy feed, pure oat meal, O. P. oil meal, 2% dried buttermilk, 2% alfalfa meal, ½% salt.	As certified, ----------	7903
5.00	4.68	7.00	62.00	Wheat middlings, corn feed meal, meat scrap, fish scrap, wheat bran, corn gluten feed, ground oats, hominy feed, O. P. oil meal, ½% dried buttermilk, 1% alfalfa meal, ½% salt.	As certified, ----------	7861
3.75	6.88	10.00	65.00	Ground corn, ground oats, wheat bran, wheat middlings, meat scrap, alfalfa meal, linseed meal, charcoal and salt.	As certified, ----------	8031
5.00	4.47	6.00	3.25	Ground hulled oats, ground corn, wheat middlings, wheat bran, meat and bone scrap, ½ of 1% salt.	As certified, ----------	8066
5.00	7.66	10.00	2.70	Wheat middlings, wheat bran, ground corn and oats, alfalfa meal and meat and bone scraps, ½ of 1% salt.	As certified, ----------	8067
4.00	6.26	8.00	2.30	Ground fish, ground meat and bone, corn gluten feed, corn gluten meal, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, ground oats, powdered buttermilk, alfalfa meal, calcium carbonate and a small percentage of salt (wheat bran and wheat middlings may contain ground screenings not exceeding mill run).	As certified, ----------	8073

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	GRUBB & MADEIRA, ELIZABETHTOWN, PA.		%	%	%
8041	G & M Growing Mash,	Grubb & Madeira, Elizabethtown.	20.75	18.00	5.26
	HALES & HUNTER CO., CHICAGO, ILL.				
8202	Red Comb Egg Mash with Dried Buttermilk.	Excelsior Flour & Feed Co., Freedom.	19.06	15.00	4.80
	E. HELLYER, JR., ALEXANDRIA, PA.				
7274	Hellyer's Laying Mash,	E. Hellyer, Jr., Alexandria,	20.50	19.00	5.47
	M. E. HERR, SCHUYLER, PA.				
7919	Herr's Laying Mash,	M. E. Herr, Schuyler,	17.63	17.00	4.56
	HESPENHEIDE & THOMPSON, YORK, PA.				
7627	Premier Growing Mash with Buttermilk.	Duffey & Glazier, Webster Mills.	18.44	17.00	4.58
	KASCO MILLS, INC., WAVERLY, N. Y.				
7330	Apex Laying Mash with Dried Buttermilk.	Edwards Brothers, Beyer,	22.56	20.00	4.89
7708	Kasco All Mash Chick Food,	Varano's Warehouse, Mt. Carmel.	16.06	16.00	4.90

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	5.44	6.00	62.00	Ground corn, wheat bran, wheat middlings, ground oat groats, gluten meal, beef scrap, alfalfa meal, dried buttermilk, calcium carbonate, phosphorus, bonemeal and salt.	Phosphorus not detected. Found also calcium phosphate.	8041
4.00	5.66	6.00	3.45	Corn feed meal, oat flour, wheat bran, wheat middlings, corn gluten feed, meat scraps, alfalfa meal, soy bean meal, dried buttermilk and not over 5% minerals (calcium carbonate, rock phosphate, sodium chloride, steamed bone meal, granulated charcoal, iron sulphate, sulphur).	As certified, ----------	8203
6.00	4.50	5.00	3.31	Pure bran, wheat middlings, ground oats, pure corn meal and and salt.	As certified, ----------	7274
4.50	7.71	7.50	2.90	Corn feed meal, bran, gluten meal, middlings, oats chop, meat scraps, powdered buttermilk, oil meal, alfalfa meal, charcoal, ½ of 1% salt, and Barker's Mineral Mixture.	As certified, ----------	7919
4.50	6.34	7.00	4.00	Wheat middlings, ground hulled oats, wheat bran, corn meal, meat scraps, fish meal, O. P. oilmeal, choice alfalfa meal, bone meal, powdered butter milk, 2% charcoal, 1% calcium carbonate.	Found also ground whole oats.	7627
4.00	5.49	9.00	3.05	Wheat bran, wheat middlings, corn meal, O. P. linseed oil meal, corn gluten feed, pulverized oats, meat and bone scrap, fish meal, dried buttermilk, 1% calcium carbonate, alfalfa meal.	Found also small amount ground screenings.	7330
4.00	4.30	5.50	3.35	Wheat reddog flour, oatmeal, wheat middlings, wheat bran, corn meal, meat scrap, bone meal, O. P. linseed oil meal, dried buttermilk, ¾ of 1% salt, tested cod liver oil and 1% calcium carbonate.	As certified, ----------	7708

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
7712	Kasco Chick Starting Mash with Dried Buttermilk.	Varano's Warehouse, Mt. Carmel.	21.13	20.00	4.89
7778	Kasco Growing Mash with Dried Buttermilk.	The Shickshinny Mill, Shickshinny.	20.25	19.00	5.78
7391	Kasco Laying Mash with Dried Buttermilk.	Thompson Brothers, Ridgway.	22.56	20.00	6.10
7707	Kasco Laying Mash with Dried Buttermilk.	Varano's Warehouse, Mt. Carmel.	22.00	20.00	5.45
	KLEPSER BROTHERS, ALTOONA, PA.				
8194	Producer Egg Mash with Buttermilk,	Klepser Brothers, Altoona,	21.31	20.00	5.93
	CHAS. A. KRAUSE MILLING CO., MILWAUKEE, WIS.				
7800	Kookoo Egg Mash with Cod Liver Oil,	James McNelis, Hastings, --	20.69	20.00	5.83
7397	Kookoo Egg Mash with Cod Liver Oil,	George J. News Sons, Blairsville.	21.25	20.00	6.55
7658	Kookoo Growing Mash, ----------	J. F. Masson, Mercer, -----	17.13	17.00	6.90
	THE LARROWE MILLING CO., DETROIT, MICH.				
7290	Larro Egg Mash, ----------	Williams Brothers, Port Matilda.	21.50	19.00	5.75

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	3.83	5.50	3.70	Wheat reddog flour, oat meal, wheat middlings, wheat bran, corn meal, linseed oil meal, meat scrap, bone meal, dried buttermilk, ¾ of 1% salt, 1% calcium carbonate and tested cod liver oil.	As certified, ----------	7712
4.00	4.64	5.50	75.00	Wheat reddog flour, oat meal, wheat middlings, wheat bran, corn meal, linseed oil meal, meat scraps, dried buttermilk, bone meal, ¾ of 1% salt, 1% calcium carbonate, tested codliver oil.	As certified, ----------	7778
4.00	5.85	6.50	3.60	Wheat bran, wheat middlings, wheat red dog flour, corn meal, O. P. linseed oil meal, corn gluten feed, ground oatmeal, meat and bone scraps, fish meal, dried buttermilk, alfalfa meal, ¾ of 1% salt, 1% calcium carbonate.	As certified, ----------	7391
4.00	5.68	6.50	3.30	Wheat grain, wheat middlings, wheat reddog flour, corn meal, linseed oil meal, corn gluten feed, ground oatmeal, meat and bone scrap fish meal, dried buttermilk, ¾ of 1% salt, 1% calcium carbonate, tested cod liver oil and alfalfa meal.	As certified, ----------	7707
4.50	5.33	7.00	70.00	Corn chop, ground oats, gluten feed, oil meal, alfalfa meal, standard middlings, wheat bran, dried buttermilk, beef scrap, bone, charcoal, calcium carbonate, calcium sulphate, calcium phosphate, sodium chloride, potassium iodide.	Found also small amount ground screenings.	8194
5.25	5.64	7.50	75.00	Cod liver oil, fish meal, meat scraps, corn gluten meal, corn gluten feed, old process linseed oil meal, dried buttermilk, corn flour, wheat bran, wheat middlings, fine alfalfa meal, Badger hominy feed, corn oil cake meal, bone meal, calcium carbonate, salt.	Found also small amount ground screenings.	7800
7.25	4.90	7.50	3.10		As certified, ----------	7397
5.50	6.50	7.50	3.30	Cod liver oil, meat scraps, corn gluten meal, corn gluten feed, corn oil cake meal, dried buttermilk, corn flour, wheat middlings, Badger hominy feed, bone meal, calcium carbonate, salt and fish meal.	Found also screenings,	7658
5.00	5.72	8.00	3.60	Fine ground feeding oatmeal, standard wheat middlings, yellow hominy feed, meat scraps, standard wheat bran, dried buttermilk, alfalfa meal, bone meal, ¾ of 1% salt, ¾ of 1% calcium carbonate.	As certified, ----------	7290

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	LYCOMING FLOUR MILLS, WILLIAMSPORT, PA.		%	%	%
8243	Lycoming Laying Mash,	Lycoming Flour Mills, Williamsport.	19.13	17.00	6.05
	MARITIME MILLING CO., INC., BUFFALO, N. Y.				
8081	BB Egg Red-E-Mixed Mash,	M. & W. Spector, Shenandoah.	18.94	18.00	5.22
8089	BB Growing Mash with Dried Buttermilk and Cod Liver Oil.	Fegley & Moyer, Pine Grove.	18.69	18.00	5.77
8083	BB Laying Mash with Dried Buttermilk.	M. & W. Spector, Shenandoah.	21.56	20.00	5.28
	THE MENNEL MILLING CO., TOLEDO, OHIO.				
7877	Memo Egg Mash,	Stanley G. Fickes, Newport.	22.06	20.00	5.38
	MOSES BROTHERS CO., INC., EATON, N. Y.				
7746	Formula 201 "The Cornell Ration for Laying Hens."	C. E. Bates, Honesdale,	19.00	18.00	5.39
	WM. A. NICKLES & SON, SHIPPENSBURG, PA.				
8115	Rigg's Reliable Laying Mash,	Wm. A. Nickles & Son, Shippensburg.	19.94	19.00	5.20

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.50	8.66	8.00	65.00	Wheat bran, fine ground oats, middlings, alfalfa meal, corn chop, meat scrap, oil meal, charcoal, salt, powdered milk, iron oxide, carbonate of lime, tri-calcium phosphate.	Found also ground buckwheat and oyster shell.	8243
5.00	6.69	9.00	3.10	Dried buttermilk, alfalfa meal, corn gluten meal, wheat bran, wheat middlings, corn meal or hominy feed, pulverized oats, meat scrap, bone meal, fish meal, calcium carbonate and ½ of 1% salt. (Wheat bran and wheat middlings may contain mill run ground screenings.)	As certified, ----------	8081
5.00	6.90	7.00	3.60	Cod liver oil, dried buttermilk, wheat bran, wheat middlings, corn meal, oil meal, pulverized oats, oatmeal, meat scrap, bone meal, fish meal, calcium carbonate, ½ of 1% salt, alfalfa leaf meal.	Found also ground screenings and glumes from corn.	8089
5.00	6.68	8.00	3.30	Dried buttermilk, O. P. linseed oil meal, wheat bran, wheat middlings, corn gluten meal, hominy feed, corn meal, pulverized oats, ground oat meal, alfalfa meal, meat scrap, bone meal, fish meal, calcium carbonate, ½ of 1% salt. (Wheat bran and wheat middlings may contain mill run ground screenings).	Salt not detected, ----	8083
4.00	9.17	9.00	60.00	Corn meal, oatmeal, wheat bran, wheat middlings, barley meal, alfalfa meal, meat scraps, cottonseed meal, linseed oil meal, gluten feed.	As certified, ----------	7877
5.00	5.46	6.00	44.30	Wheat bran, wheat middlings, corn meal, ground oats and barley, meat scraps, salt.	As certified, ----------	7746
5.00	7.04	9.00	57.00	Pure wheat bran, pure wheat middlings, pure oatmeal, pure ground corn, corn gluten feed, alfalfa leaf meal, fish meal, meat scrap, charcoal, bone charcoal, calcium sulphate, calcium carbonate, sodium chloride and potassium iodide.	As certified, ----------	8115

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	NOWAK MILLING CORPORATION, HAMMOND, IND.		%	%	%
7665	Domino Laying Mash with Buttermilk.	Kresge & Mattern, Lehighton.	21.00	20.00	5.85
	ORANGEVILLE MILLING CO., ORANGEVILLE, PA.				
8102	Orangeville Poultry Mash, ----------	Orangeville Milling Co., Orangeville.	18.13	18.00	5.04
	THE PARK & POLLARD CO., BUFFALO, N. Y.				
7567	Park & Pollard Chick Starter. ------	Shamokin Milling Co., Shamokin.	15.06	14.00	3.71
7837	Park & Pollard Growing Feed, ------	Henry Gass Sons, Reading.	15.00	14.00	3.00
7570	Park & Pollard Growing Feed, ------	Shamokin Milling Co., Shamokin.	14.06	14.00	2.06
7766	Park & Pollard Growing Feed, ------	Union Roller Mills, Hamburg.	13.63	14.00	3.49
7838	Park & Pollard Lay or Bust Dry Mash.	Henry Gass Sons, Reading.	18.25	18.00	3.30
7343	Park & Pollard Lay or Bust Dry Mash.	J. O. Reed Estate, Philipsburg.	19.81	18.00	3.88
7568	Park & Pollard Lay or Bust Dry Mash.	Shamokin Milling Co., Shamokin.	20.63	18.00	4.09
	PETERSBURG MILLING CO., BESSEMER, PA.				
7944	Wonder Laying Mash, ----------	Petersburg Milling Co., Bessemer.	18.94	20.00	5.44
	PRATT FOOD CO., PHILADELPHIA, PA.				
7233	Pratt's Supreme Laying Mash with Buttermilk.	Stemler Brothers, East Mauch Chunk.	23.00	22.00	6.55
8248	Pratt's Supreme Laying Mash with Buttermilk.	Stemler Brothers, East Mauch Chunk.	23.81	22.00	6.19
8261	Pratt's Victory Laying Mash with Buttermilk.	H. C. Beerits Sons, Somerset.	21.50	20.00	5.44
7326	Pratt's Victory Laying Mash with Buttermilk.	Latrobe Feed Supply Co., Latrobe.	21.88	20.00	5.41
7235	Pratt's Victory Laying Mash with Buttermilk.	Stemler Brothers, East Mauch Chunk.	21.38	20.00	6.15

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.50	5.82	7.50	3.60	Dried buttermilk, meat scraps, bone meal, fine ground oat groats, oats, linseed oil meal, corn feed meal, wheat middlings, wheat bran, corn gluten feed, 2% calcium carbonate, (98% pure), ½ of 1% salt.	As certified,	7665
5.00	5.33	7.00	3.25	Ground oats, corn meal, wheat bran, wheat middlings, beef scraps and salt.	As certified,	8162
3.00	3.26	5.00	4.25	Ground: Alfalfa, corn, wheat, barley, oatmeal, fish meal and bone meal, wheat bran, wheat middlings, rice, calcium carbonate, salt and dried buttermilk.	As certified,	7567
3.00	5.31	8.00	3.25	Ground corn, wheat, oats, alfalfa, barley, fish, meat and bone meal, wheat bran with mill run screenings, wheat middlings, calcium carbonate, salt and dried buttermilk.	Found also screenings in excess of mill run and tankage.	7837
1.50	4.71	8.00	3.50		As certified,	7570
3.00	4.63	8.00	3.50		Found also screenings in excess of mill run.	7766
3.00	6.28	8.00	3.25	Ground corn, wheat, oats, barley, Kaffir corn, buckwheat, alfalfa, fish, meat, bone, wheat bran with mill run screenings, wheat middlings, calcium carbonate, salt and dried buttermilk.	Found also screenings in excess of mill run and tankage.	7838
3.00	5.49	8.00	3.50		As certified,	7343
3.00	4.52	8.00	3.50		As certified,	7568
4.00	8.20	8.00	2.60	Wheat bran, wheat middlings, meat scrap (50%), ground corn, ground oats, alfalfa meal, bone, lime and salt.	Found also animal charcoal.	7944
4.00	5.52	8.00	3.75	Dried buttermilk, oat meal, corn meal, O. P. linseed oil meal, wheat middlings, meat scrap, fish meal, wheat bran, alfalfa meal, calcium carbonate 2%, calcium phosphate ¾ of 1%, iodized salt ½ of 1%.	Found also small amount ground grain screenings.	7233
4.00	5.98	8.00	3.75		As certified,	8248
4.00	6.79	8.00	67.00	Wheat middlings, ground oats, dried buttermilk, wheat bran, corn meal, fish meal, meat scrap, old process linseed oil meal, alfalfa meal, calcium carbonate 2%, calcium phosphate ¾ of 1%, iodized salt ½ of 1%.	Found also small amount ground screenings.	8261
4.00	6.25	8.00	3.50		As certified,	7326
4.00	6.45	8.00	3.65		As certified,	7235

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein Found	Protein Guaranteed	Fat Found
	J. E. PRITTS, SCOTTDALE, PA.		%	%	%
7248	Pritt's Egg Mash,	J. E. Pritts, Scottdale,	20.00	22.00	3.48
	THE QUAKER OATS CO., CHICAGO, ILL.				
7222	Quaker Full-O-Pep Chick Starter,	Davidson Brothers, Bedford,	16.81	15.00	6.83
7656	Quaker Full-O-Pep Chick Starter,	Grove City Flour & Feed Co., Grove City.	16.13	15.00	5.30
7586	Quaker Full-O-Pep Chick Starter,	The Mifflinburg Farmers Exchange, Inc., Mifflinburg.	21.31	15.00	6.77
7296	Quaker Full-O-Pep Chick Starter,	Klein Wolf, Howard,	16.31	15.00	6.32
7457	Quaker Full-O-Pep Egg Mash,	Hepler-McNaughton Co., New Alexandra.	21.38	20.00	5.20
7485	Quaker Full-O-Pep Egg Mash,	W. W. Lauderburn, Weissport.	20.63	20.00	5.31
7584	Quaker Full-O-Pep Egg Mash,	The Mifflinburg Farmers Exchange, Inc., Mifflinburg.	20.94	20.00	5.14
7787	Quaker Full-O-Pep Egg Mash,	W. S. Wineland, McKee,	20.13	20.00	5.37
7195	Quaker Full-O-Pep Egg Mash,	Wisehaupt Sons & Co., Port Royal.	21.88	20.00	5.38
7486	Quaker Full-O-Pep Growing Mash,	W. W. Laudenburn, Weissport.	19.81	19.00	5.85
7585	Quaker Full-O-Pep Growing Mash,	The Mifflinburg Farmers Exchange, Inc., Mifflinburg.	19.06	19.00	6.35
	RALSTON PURINA CO., INC., BUFFALO, N. Y.				
7488	Purina Chick Startena Feed,	W. W. Lauderburn, Weissport.	20.75	19.00	5.65
7208	Purina Chicken Chowder Feed containing Minerals.	Deal Brothers, Bedford,	19.81	19.00	4.55
8223	Purina Chicken Chowder Feed containing Minerals.	B. N. Palmer & Co., Portage.	20.13	19.00	4.57
8247	Purina Chicken Chowder Feed containing Minerals.	Stemler Brothers, East Mauch Chunk.	21.38	19.00	4.63
7878	Purina Lay Chow Feed containing Minerals.	Stanley G. Fickes, Newport,	18.00	17.00	3.95
8178	Purina Lay Chow Feed Containing Minerals.	Oil City Milling Co., Oil City.	19.13	17.00	4.49

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
5.00	5.28	11.00	2.80	Pure ground corn, pure ground oats, meat scraps, alfalfa meal, wheat middlings, charcoal, O. P. 34% linseed meal, reddog, small percentage beans.	Found also ground buckwheat.	7248
5.00	5.93	6.00	4.25	Oatmeal, hominy feed, yellow hominy feed, wheat bran, wheat middlings, bonemeal, fish meal, cod liver meal, alfalfa meal, cod liver oil, calcium carbonate 2%, ½ of 1% salt, molasses.	As certified, ----------	7222
5.00	6.23	6.00	4.00		As certified, ----------	7656
5.00	5.33	6.00	4.25		As certified, ----------	7586
5.00	5.34	6.00	--------		As certified, ----------	7296
4.00	6.01	8.00	3.50	Oatmeal, hominy feed, yellow hominy feed, barley meal, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), bone meal, meat scraps, cod liver meal, fish meal, alfalfa meal, 2% calcium carbonate, ¾ of 1% salt, molasses.	As certified, ----------	7457
4.00	6.46	8.00	3.60		As certified, ----------	7485
4.00	6.05	8.00	3.40		As certified, ----------	7584
4.00	6.95	8.00	3.75		As certified, ----------	7787
4.00	6.56	8.00	3.50		As certified, ----------	7195
5.00	4.81	6.00	3.70	Oatmeal, hominy feed, yellow hominy feed, barley meal, wheat bran and wheat middlings with ground wheat screenings not exceeding mill run, fish meal, cod liver meal, bone meal, meat scraps, alfalfa meal, 2% calcium carbonate, ¾ of 1% salt.	As certified, ----------	7486
5.00	5.33	6.00	3.65	Oatmeal, hominy feed, yellow hominy feed, barley meal, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), fish meal, cod liver meal, bone meal, meat scraps, alfalfa meal, 2% calcium carbonate, ¾ of 1% salt, molasses.	As certified, ----------	7585
4.00	5.57	7.00	4.50	Dried buttermilk, meat scraps, corn meal, wheat bran, oat middlings, alfalfa leaf meal, wheat germ, wheat middlings, linseed meal, corn germ meal, cod liver oil, 1% bone meal, 1% salt, 2% calcium carbonate (limestone).	As certified, ----------	7488
3.50	6.73	8.00	3.70	Wheat middlings, wheat bran, corn meal, corn germ meal, meat scrap, 1% bone meal, 1% salt, 2% calcium carbonate, linseed meal, alfalfa leaf meal.	As certified, ----------	7208
3.50	6.31	8.00	78.00		As certified, ----------	8223
3.50	6.41	8.00	3.60		As certified, ----------	8247
2.50	6.58	8.00	60.00	Soya bean meal, molasses, alfalfa meal, corn meal, meat scraps, wheat middlings, wheat bran, 1.25% bone meal, 1.25% salt, 2.5% calcium carbonate (limestone).	As certified, ----------	7878
2.50	7.89	8.00	63.00		As certified, ----------	8178

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	CLYDE RENCO MILLING CO., INC., CLYDE, N. Y.		%	%	%
7540	Reneo Makempay Sweetened Feed, --	J. B. Kelley, Washingtonville.	25.75	24.00	5.23
	THE RICHARDS & EVANS CO., CORTLAND, OHIO.				
7405	Richard's Laying Mash, ----------	Gates Granary, Kittinning, -	18.50	19.00	4.98
7807	Richard's Starting Mash, ----------	Valley Mills, Cooperstown, -	18.81	20.00	4.60
7237	Richard's Thrift Laying Mash, ------	Peoples Flour & Feed Store, Scottdale.	19.13	20.50	4.53
	I. D. STEHMAN, MT. JOY, PA.				
7863	B & S Dry Mash, ----------	I. D. Stehman, Mt. Joy, --	20.75	22.00	4.22
	D. A. STICKELL & SON, INC., HAGERSTOWN, MD.				
7826	Blue Ridge Baby Chick Starter, ----	West Linden Mill & Grain Co., Scranton.	14.50	14.00	4.74
7825	Blue Ridge Egg Mash, ----------	West Linden Mill & Grain Co., Scranton.	20.06	20.00	5.65
8135	Stickell's Growing Mash, ----------	Cumberland Valley Feed & Produce Co., Chambersburg.	15.75	16.00	5.51

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	7.03	9.00	2.60	Choice cottonseed meal, old process oil meal, ground oats, corn gluten feed, corn meal, corn hominy, wheat bran, wheat middlings with wheat screenings, malt sprouts, brewers grains, cane molasses, 1% salt, 1% tri-calcium phosphate and carbonate of lime.	As certified, ----------	7540
3.00	6.84	6.90	3.25	Corn feed meal, pure bran, gluten feed, alfalfa meal, meat scraps, bone flour, fish meal, oil meal, crude milk albumen from milk sugar, copra meal, Fos-For-Us (tri-calcium phosphate, calcium carbonate).	Found also ground oats, Kaffir corn and small amound ground screenings.	7405
3.00	5.54	6.90	3.50	Corn feed meal, wheat middlings, gluten feed, meat scraps, ground oat groats, bone meal, linseed oil meal, crude milk albumen from milk sugar, copra meal, Fos-For-Us (tri-calcium phosphate, calcium carbonate).	As certified, ----------	7807
3.00	7.16	6.90	3.40	Corn feed meal, pure bran, gluten feed, digester tankage, meat scraps, ground oat meal, oil meal crude milk albumen from milk sugar, alfalfa meal, cocoanut oil meal, salt, Fos-For-Us (tri-calcium phosphate, calcium carbonate).	As certified, ----------	7237
3.00	6.43	9.00	-------	Wheat bran, wheat shorts, wheat middlings, corn meal, gluten, ground oats, linseed meal, beef and fish scrap, charcoal and salt. Oberco Organic Minerals (bone charcoal, calcium carbonate, calcium sulphate, potassium iodine).	As certified, ----------	7863
4.50	4.18	6.00	80.00	Buttermilk, oatmeal, bone meal, wheat bran, wheat middlings, meat scraps, cornmeal and calcium carbonate.	As certified, ----------	7826
5.00	4.91	6.00	65.00	Buttermilk, oatmeal, meat scrap, bone meal, corn gluten feed, corn meal, linseed oil meal, cottonseed meal, alfalfa meal, calcium carbonate, salt, fish meal, wheat bran, wheat middlings.	As certified, ----------	7825
5.00	4.92	7.00	68.00	Buttermilk, oat meal, meat scrap, alfalfa meal, wheat bran, wheat flour middlings, hominy feed, corn meal, calcium carbonate, 1% salt.	Found aso bone meal and linseed oil meal.	8135

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
			%	%	%
7828	Stickell's Growing Mash,	West Linden Mill & Grain Co., Scranton.	15.19	16.00	4.49
	R. F. SWARTZ, BOWMANSTOWN, PA.				
8179	Economy Laying Mash,	R. F. Swartz, Bowmanstown.	20.06	18.00	5.30
	SWOPE, BROTHERS, JOHNSTOWN, PA.				
7438	Baby Chick Mash,	Swope Brothers, Johnstown,	16.75	18.00	5.61
7433	Big 5 Egg Mash,	Swope Brothers, Johnstown,	23.38	22.00	7.22
7434	Cackle Egg Mash,	Swope Brothers, Johnstown,	20.56	22.00	5.87
7441	Grow Big Growing Mash,	Swope Brothers, Johnstown,	19.31	18.00	6.00
	TIOGA-EMPIRE FEED MILLS, INC., WAVERLY, N. Y.				
7539	Chicatine The Quick Developer,	J. B. Kelley, Washingtonville.	21.56	18.00	5.54
7365	Egatine,	R. F. Swartz, Bowmanstown.	26.63	23.00	5.41
7366	Never Fail Tasty Laying Mash,	R. F. Swartz, Bowmanstown.	23.13	20.00	5.68

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
5.00	4.70	7.00	80.00	Buttermilk, oatmeal, bone meal, meat scrap, linseed meal, wheat bran, wheat flour middlings, alfalfa meal, hominy feed, corn meal, calcium carbonate and 1% salt.	As certified, ----------	7828
4.00	7.21	8.00	3.00	Wheat bran, wheat middlings, ground oats, corn meal, meat and bone scraps, alfalfa meal, ½ of 1%. salt.	As certified, ----------	8179
7.00	3.48	4.00	75.00	Dried buttermilk, alfalfa leaf meal, corn meal, wheat germ middlings, oat flour, beef scraps, calcium carbonate, charcoal, yeast and bone meal.	Found also epsom salt, glauber salt and sulphur.	7438
7.00	4.43	4.00	63.00	Wheat germ middlings, corn chop. wheat bran, oat flour, beef scraps, alfalfa leaf meal, organic minerals, salt.	Organic Minerals: Charcoal and bone meal. Found also epsom salt, glauber salt and sulphur.	7433
6.00	4.56	7.00	68.00	Wheat germ middlings, wheat bran, corn meal, alfalfa leaf meal, oat flour, gluten feed, beef scraps, dried buttermilk, yeast, organic minerals, salt.	Organic Minerals: Charcoal and bone. Found also epsom salt, glauber salt, sulphur, calcium carbonate and linseed oil meal.	7434
6.00	3.91	5.00	65.00	Dried buttermilk, alfalfa leaf meal, corn chop, wheat germ middlings, wheat bran, oat flour and beef scraps.	Found also bone meal, salt, calcium carbonate, charcoal, epsom salts, glauber salts and sulphur.	7441
3.00	4.44	6.00	3.90	Corn meal, wheatmiddlings, hominy feed, corn gluten meal, powdered buttermilk, fish meal, meat and bone scrap, wheat bran, phosphate of lime 2½%.	As certified, ----------	7539
2.50	4.91	6.00	3.80	Wheat middlings, corn meal, corn gluten meal, wheat bran, meat and bone scrap (pulverized oats, fish meal, powdered buttermilk, soya bean oil meal, phosphate of lime.	As certified, ----------	7365
3.00	5.47	7.00	3.70	Powdered buttermilk, rolled oats, fish meal, meat and bone scrap, alfalfa meal, linseed oil meal, corn meal, hominy feed, wheat middlings, wheat bran, phosphate of lime, salt.	As certified, ----------	7366

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	THE UBIKO MILLING CO., CINCINNATI, OHIO.		%	%	%
7883	Ubiko All Mash Developer,	Duncannon Milling Co., Duncannon.	15.06	14.00	4.63
7882	Ubiko All Mash Starting and Growing Ration.	Duncannon Milling Co., Duncannon.	16.81	18.00	5.10
7379	Ubiko All Mash Starting and Growing Ration.	C. L. Shipman & Sons, Williamsport.	18.88	18.00	5.14
7377	Ubiko Commercial Laying Mash,	C. L. Shipman & Sons, Williamsport.	21.31	20.00	4.03
7378	Ubiko Egg Mash with Buttermilk,	C. L. Shipman & Sons, Williamsport.	21.69	20.00	4.88
7884	Ubiko Starting Mash with Buttermilk,	Duncannon Milling Co., Duncannon.	15.88	15.00	4.84
	C. Y. WAGNER & CO., INC., BELLEFONTE, PA.				
8053	Wagner's Poultry Mash,	C. Y. Wagner & Co., Inc., Bellefonte.	19.19	-------	3.74
	WALKER BROTHERS, CHAMBERSBURG, PA.				
8129	Make-Em-Lay Laying Mash,	Walker Brothers, Chambersburg.	18.88	19.00	5.31
	WAYNE FEED MILLS FORT WAYNE, IND.				
7694	Wayne All Mash Chick Starter,	Mifflinburg Milling Co., Inc. Mifflinburg.	17.94	16.00	4.69
7650	Wayne All Mash Chick Starter,	Snyder & McConnell, Grove City.	16.06	16.00	4.96
7492	Wayne All Mash Chick Starter,	A. S. Welch, Mt. Union,	17.81	16.00	4.83
7425	Wayne All Mash Chick Starter,	E. E. Wentz, Lock Haven,	16.69	16.00	5.09

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
4.00	4.27	5.00	70.00	Fine ground meat scrap, dried buttermilk, cod liver oil, wheat bran, wheat middlings, ground oats, yellow corn meal, O. P. linseed meal, 2% bone meal and ½% salt.	As certified,	7883
4.00	4.24	5.00	79.50	Fine ground meat scrap, wheat bran, wheat middlings, ground oat groats, yellow corn meal.	As certified,	7882
4.00	4.20	5.00	75.00	5% bone meal, dried buttermilk, cod liver oil, ½% salt, 1% charcoal.	As certified,	7379
4.00	5.59	7.00	70.00	Fine ground meat scrap, corn meal, hominy meal, ground oats, wheat bran, white wheat middlings, corn gluten feed, 5% bone meal, 1% chemically pure calcium carbonate, ½% salt and dried buttermilk.	As certified,	7377
4.00	4.80	6.00	70.00	Fine ground meat scrap, bone meal, corn meal, wheat bran, white wheat middlings, whole ground oats, corn gluten feed, O. P. linseed meal, dried buttermilk, ½% salt, cod liver oil.	As certified,	7378
4.00	4.26	4.00	-------	Wheat bran, white wheat middlings, ground oat groats, corn meal, bone meal, dried buttermilk, cod liver oil, fine ground meat scrap, 2% charcoal.	As certified,	7884
------	8.33	-------	58.00	Bran, middlings, corn meal, ground oats, alfalfa meal, linseed meal, gluten, beef scrap, charcoal, salt.	Found also ground grain screenings, glumes from corn cob, Oberco Minerals.	8053
4.50	7.37	9.00	64.00	Wheat bran, alfalfa meal, wheat middlings, linseed oil meal, oat chop, corn gluten feed, corn chop, meat scrap, dried buttermilk, charcoal, salt.	As certified,	8129
4.00	4.31	6.00	3.25	Dried buttermilk, Menhaden fish meal, meat scraps, standard wheat middlings, wheat bran, corn feed meal, cocoanut oil meal, alfalfa leaf meal, 2% bone meal (calcium phosphate), 1% ground limestone (calcium carbonate), fine ground oat meal.	As certified,	7694
4.00	4.69	6.00	4.00		Found also small amonnt screenings.	7650
4.00	4.53	6.00	4.00		Found also barley and small amount ground screenings.	7492
4.00	4.20	6.00	70.00		Found also small amount ground screenings.	7425

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein Found	Protein Guaranteed	Fat Found
			%	%	%
7748	Wayne All Mash Grower,	C. E. Bates, Honesdale,	16.50	15.00	5.05
7869	Wayne All Mash Grower,	Kreutz Creek Valley Farmers Cooperative Association, York.	17.31	15.00	5.38
7493	Wayne All Mash Grower,	A. S. Welch, Mt. Union,	15.75	15.00	5.12
8055	Wayne Crate Fattener,	H. H. McKibben, Mill Hall,	16.44	13.00	6.46
7747	Wayne Egg Mash,	C. E. Bates, Honesdale,	18.44	18.00	4.29
7880	Wayne Egg Mash,	Frank Fickes, Newport,	18.69	18.00	4.58
7318	Wayne Egg Mash,	Thos. K. George, Homer City.	18.00	18.00	5.46
7278	Wayne Egg Mash,	Goss Brothers, Alexandria,	18.44	18.00	5.70
7698	Wayne Egg Mash,	Mifflinburg Milling Co., Inc., Mifflinburg.	19.56	18.00	4.91
7649	Wayne Egg Mash,	Snyder & McConnell, Grove City.	17.50	18.00	5.45
7424	Wayne Egg Mash,	E. E. Wentz, Lock Haven,	19.44	18.00	5.35
7651	Wayne Growing Mash,	Snyder & McConnell, Grove City.	15.81	16.00	4.96
7495	Wayne 26% Mash Supplement,	A. S. Welch, Mt. Union,	26.00	26.00	5.83
	G. D. WOLF, WATSONTOWN, PA.				
7927	Wolf Laying Mash,	G. D. Wolf, Watsontown,	18.38	16.00	6.09
	J. M. WYCKOFF, EAST STROUDSBURG, PA.				
7669	Poultry Mash,	J. M. Wyckoff, East Stroudsburg.	17.00	14.00	4.59

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat			Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Fiber Found	Fiber Guaranteed				
%	%	%	$			
4.00	5.32	6.00	70.00	Dried buttermilk, Menhaden fisb meal, meat scraps, standard wheat middlings, wheat bran, corn feed meal, cocoanut oil meal, alfalfa leaf meal, 2% bone meal (calcium pbosphate), 1% ground limestone, (calcium carbonate), fine ground oatmeal.	As certified, ----------	7748
4.00	5.20	6.00	57.00		As certified, ----------	7869
4.00	5.35	6.00	3.75		Found also barley and small amount ground screenings.	7493
4.50	4.79	6.00	-------	White hominy feed, rolled oats, fine ground oatmeal, ground oats, yellow corn meal, standard wheat middlings, wheat reddog flour, cocoanut oil meal, linseed oil meal, meat scraps, 1% bone meal (calcium phosphate).	As certified, ----------	8055
3.50	5.44	7.00	55.80	Dried buttermilk, meat scraps, Menhaden fish meal, cocoanut oil meal, linseed oil meal, standard wheat middlings, wheat bran, corn feed meal, corn gluten feed, fine ground oat meal, alfalfa leaf meal, 1% bone meal, (calcium phosphate), 1% ground limestone (calcium carbonate).	Found also cottonseed meal and small amount screenings.	7747
3.50	5.14	7.00	66.00		Found also small amount ground grain screenings.	7880
3.50	5.51	7.00	3.35		As certified, ----------	7318
3.50	5.73	7.00	3.60		Cocoanut oil meal not detected.	7278
3.50	4.81	7.00	3.20		Found also small amount ground screenings.	7698
3.50	5.53	7.00	3.25		Found also small amount screenings.	7649
3.50	4.82	7.00	65.00		Found also small amount ground screenings.	7424
4.00	4.44	6.00	3.35	Dried buttermilk, Menhaden fish meal, meat scraps, standard wheat middlings, wheat bran, corn feed meal, fine ground oat meal, linseed oil meal, cocoanut oil meal, alfalfa leaf meal, 2% bone meal (calcium phosphate), 1% ground limestone (calcium carbonate).	Found also small amount screenings.	7651
4.00	6.21	7.00	3.75	Dried buttermilk, Menhaden fish meal, meat meal, linseed oil meal, cocoanut oil meal, corn gluten feed, fine ground oat meal, standard wheat middlings, alfalfa leaf meal, 2% bone meal (calcium phospbate), 2% ground limestone (calcium carbonate).	Found also small amount ground screenings.	7495
4.00	9.42	10.00	3.00	Alfalfa meal, ground corn, ground oats, wheat bran, wheat middlings and beef scrap.	As certified, ----------	7927
3.00	6.52	10.00	2.80	Corn feed meal, wheat bran and middlings, alfalfa meal, meat and bone scrap, O. P. oil meal, ground oats, gluten.	As certified, ----------	7669

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein Found	Protein Guaranteed	Fat Found
	ANIMAL BY-PRODUCTS				
	MEAT AND BONE SCRAP				
	THE AMERICAN AGRICULTURAL CHEMICAL CO., NEW YORK, N. Y.		%	%	%
7476	Big 50 Meat and Bone Scrap, --------	Nickle Plate Flour Mills, Erie.	51.69	50.00	5.89
7913	Capital Meat and Bone Scrap, --------	Union Coal & Supply Co., Union City.	48.50	45.00	4.86
	ANIMAL RENDERING CO., PHILADELPHIA, PA.				
8170	55% Protein Beef Scrap, ----------	Robert Cook & Sons, Elverson.	50.19	55.00	10.99
	THE BERG CO., INC., PHILADELPHIA, PA.				
7588	Berg's 50% Protein Poultry Meat Bone Scrap.	The Mifflinburg Farmers Exchange Inc., Mifflinburg.	49.50	50.00	13.56
8238	Berg's 3 Medal Poultry Meat and Bone Scrap.	Lycoming Flour Mills, Williamsport.	43.25	45.00	12.56
	THE CENTRAL CHEMICAL CO., HAGERSTOWN, MD.				
7902	Gro-All Meat Scrap 45%, ----------	Wm. B. Barnitz, Carlisle,	48.25	45.00	7.97
7903	Gro-All Meat Scrap 55%, ----------	Wm. B. Barnitz, Carlisle,	54.81	55.00	8.23
	CONSOLIDATED BY-PRODUCTS CO., PHILADELPHIA, PA.				
7460	Beef and Bone Scraps, ----------	Hepler-McNaughton Co., New Alexandra.	45.88	45.00	12.93
7932	Consolidated Beef Scrap, ----------	Hefty Miling Co., Watsontown.	46.94	45.00	11.96
	JACOB DOLD PACKING CO., BUFFALO, N. Y.				
7418	Dold's Quality Meat and Bone Scrap,	A. C. Myers, Lock Haven,	47.19	45.00	10.55
	T. P. HILANDS, LEWISBURG, PA.				
7544	Special Meat Meal, ----------	J. B. Kelley, Washingtonville.	52.44	55.00	17.21
7774	Special Meat Meal, ----------	The Shickshinny Mill, Shickshinny.	53.31	55.00	10.38
	INDEPENDENT MANUFACTURING CO., PHILADELPHIA, PA.				
7985	Independent 50% Beef Scrap and Bone,	W. L. Mummert & Co., Hanover.	51.88	50.00	12.92
8108	Independent 45% Meat Scrap and Bone,	A. L. Heckman, Shippensburg.	49.50	45.00	12.46

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
3.00	1.67	3.00	4.00	Meat and bone scrap,	As certified,	7476
3.00	3.03	3.00	80.00	Meat and bone scrap,	As certified,	7913
8.00	1.18	3.00	67.51	Beef scrap,	As certified,	8170
8.00	1.83	2.00	3.80	Meat and bone scrap,	As certified,	7588
8.00	2.59	3.00	75.00	Meat and bone scrap,	As certified,	8238
8.00	1.90	2.00	69.00	Meat scrap,	As certified,	7902
8.00	1.79	2.00	79.00	Meat scrap,	As certified,	7903
10.00	1.14	2.00	4.25	Beef and bone scrap,	As certified,	7460
10.00	1.81	2.00	3.50	Beef and bone scrap,	As certified,	7932
8.00	1.57	5.00	4.50	Meat and bone scrap,	As certified,	7418
17.00	1.26	2.00	4.00	Meat meal,	As certified,	7544
17.00	1.42	2.00	85.00	Meat meal,	As certified,	7774
8.00	1.72	3.00	82.00	Beef and bone scrap,	As certified,	7985
8.00	1.35	3.00	80.00	Meat and bone scrap,	As certified,	8108

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein Found	Protein Guaranteed	Fat Found
			%	%	%
	LEBANON HIDE & RENDERING CO., LEBANON, PA.				
8091	Lebanon Meat and Bone Meal,	Charles Werner & Co., Pine Grove.	56.69	47.00	11.54
	T. T. MOLL, FREWSBURG, N. Y.				
7961	Chautauqua Meat and Bone Scrap,	Albert Herrick, Russell,	50.13	45.00	12.22
	MUTUAL RENDERING CO., PHILADELPHIA, PA.				
8167	45% Mureco Meat and Bone,	S. S. Detweiler, Quakertown.	47.63	45.00	10.75
8168	55% Mureco Meat Meal,	S. S. Detweiler, Quakertown.	56.56	55.00	11.09
	PITTSBURGH MELTING CO., PITTSBURGH, PA.				
7818	Steel City Meat and Bone Scrap,	Atlantic Feed & Supply Co., Atlantic.	51.25	50.00	12.04
7473	Steel City Meat and Bone Scrap,	Farmers Supply Co., Blairsville.	50.13	50.00	10.20
8172	Steel City Meat and Bone Scrap,	Kerrtown Milling Co., Meadville.	52.25	50.00	12.80
7241	Steel City Meat and Bone Scrap,	George S. McCurdy, Scottdale.	55.00	50.00	11.02
7451	Steel City Meat and Bone Scrap,	Swope Brothers, Johnstown,	51.31	50.00	10.28
	PITTSBURGH PROVISION & PACKING CO., PITTSBURGH, PA.				
7642	Keystone Brand Digestable Tankage,	Adams & West, Slippery Rock.	52.28	50.00	11.23
	READING BONE FERTILIZER CO., READING, PA.				
8160	Reading Meat Meal 50% Protein,	Riches Feed Mill, Clearfield,	48.94	50.00	16.29
	A. F. REES, HANOVER, PA.				
8165	Rees' Meat Scrap 50% Protein,	Elwood R. Chambers, Elkview.	50.13	50.00	16.03
	ROBERT A. REICHARD, INC., ALLENTOWN, PA.				
8068	Reichard's Beef and Bone Scrap,	Ash Brothers, Briar Creek,	43.38	45.00	11.10
	THE WM. SCHLUDERBERG—T. J. KURDLE CO., BALTIMORE, MD.				
7925	Esskay Quality Meat Scrap,	J. W. Herman, Beaver Springs.	51.88	50.00	7.35
	SHENANDOAH ABBATTOR COMPANY, SHENANDOAH, PA.				
7716	Meat Scrap,	Varano's Warehouse, Mt. Carmel.	60.00	45.00	14.10

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
7.00	2.09	2.00	4.50	Meat and bone meal,	As certified,	8091
8.00	1.27	3.00	60.00	Meat and bone scrap,	As certified,	7961
6.00	1.58	2.00	4.10	Meat and bone scrap,	As certified,	8167
6.00	1.25	2.00	4.35	Meat meal,	As certified,	8168
5.00	1.40	3.00	4.25	Meat and bone scrap,	As certified,	7818
5.00	1.53	3.00	4.00	Meat and bone scrap,	As certified,	7473
5.00	1.20	3.00	90.00	Meat and bone scrap,	As certified,	8172
5.00	0.90	3.00	4.75	Meat and bone scrap,	As certified,	7241
5.00	1.07	3.00	80.00	Meat and bone scrap,	As certified,	7451
3.00	1.62	3.00	4.50	Meat and bone scrap,	As certified,	7642
10.00	1.54	1.00	4.00	Meat meal,	As certified,	8160
10.00	1.21	2.25	4.00	Meat scrap,	As certified,	8165
6.00	1.64	4.00	4.00	Beef and bone scrap,	As certified,	8068
6.00	2.42	5.00	4.25	Meat and bone cooked and dried,	As certified,	7976
10.00	0.76	3.00	4.25	Meat scrap,	As certified,	7716

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	CHAS. R. SHOEMAKER, INC., PHILADELPHIA, PA.		%	%	%
7769	C. R. Shoemaker Echo Brand 45% Meat and Bone Scrap.	J. B. Anderson's Son, Shickshinny.	46.44	45–55	12.79
7926	C. R. Shoemaker Echo Brand 45% Meat and Bone Scrap.	Ralph Fuller, Turbotville,	48.06	45–55	13.34
8169	C. R. Shoemaker Echo Brand 45% Meat and Bone Scrap.	C. H. Goodman, Honey brook.	45.88	45–55	12.97
7421	C. R. Shoemaker Echo Brand 45% Meat and Bone Scrap.	A. C. Myers, Lock Haven,	45.50	45–55	11.59
7852	C. R. Shoemaker Pureox Brand 55% Beef and Bone Scrap.	Chas. R. Shoemaker, Inc., Philadelphia.	56.44	55–65	13.15
	M. L. SHOEMAKER & CO., INC., PHILADELPHIA, PA.				
7968	Shoemaker's Swift Sure Ground Beef Scrap for Poultry.	W. W. Kalb, Sunbury, ----	55.25	55.00	10.80
7970	Shoemaker's Swift Sure 45% Ground Meat and Bone Scrap for Poultry.	W. W. Kalb, Sunbury, ----	47.31	45.00	11.47
7969	Shoemaker's Swift Sure 50% Ground Meat and Bone Scrap for Poultry.	W. W. Kalb, Sunbury, ----	48.63	50.00	11.94
	JOHN T. STANLEY COMPANY, INC., NEW YORK, N. Y.				
7753	Stanley's 45% Protein Meat and Bone Scrap for Poultry.	C. E. Bates, Honesdale, ---	47.00	45.00	10.57
7587	Stanley's 45% Protein Meat and Bone Scrap for Poultry.	The Mifflinburg Farmers Exchange, Inc., Mifflinburg.	46.25	45.00	11.23
	S. STRUNZ & SON, INC., PITTSBURGH, PA.				
8176	Moreggs Meat and Bone Scrap, -----	Oil City Milling Co., Oil City.	49.19	50.00	14.04
7810	Moreggs Meat and Bone Scrap, -----	Valley Mills, Cooperstown,	49.25	50.00	10.89
	SWIFT & COMPANY, NEWARK, N. J.				
8060	Siwft's Fifty-Five Meat and Bone Scraps.	H. L. Garrison & Brother, Berwick.	56.81	55.00	11.85
7227	Swift's Fifty-Five Meat and Bone Scraps.	Titusville City Mills, Titusville.	55.31	55.00	13.58
7556	Swift's Laymore Meat-Bone Scraps, --	W. E. Custer, Milton, ----	47.88	45.00	9.77
7702	Swift's Laymore Meat-Bone Scraps, --	Mifflinburg Milling Co., Inc., Mifflinburg.	45.69	45.00	9.41
8104	Swift's Laymore Meat-Bone Scraps, --	Orangeville Milling Co., Orangeville.	47.88	45.00	14.86
8105	Swift's Meat and Bone Scraps, --------	Orangeville Milling Co., Orangeville.	51.50	50.00	14.38
	THE VAN IDERSTINE COMPANY, LONG ISLAND CITY, N. Y.				
7520	Vico High Protein Meat Scraps for Poutry.	Blank & Gottshall Co., Inc., Sunbury.	57.94	55.00	10.60

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
10–15	2.14	2–3	80.00	Meat and bone scrap,	Found also small amount unidentified hulls.	7769
10–15	2.31	2–3	4.00	Meat and bone scrap,	As certified,	7926
10–15	2.76	2–3	3.80		Meat and bone scrap, fish scrap and vegetable hulls.	8169
10–15	2.29	2–3	4.50		Meat and bone scrap and small amount unidentified hulls.	7421
10–12	1.69	2–3	65.00	Beef and bone scrap,	As certified,	7852
6.00	2.08	3.00	4.50	Beef scrap,	As certified,	7968
6.00	2.27	3.00	4.00	Meat and bone scrap,	As certified,	7970
6.00	1.83	3.00	4.25	Meat and bone scrap,	As certified,	7969
10.00	1.67	3.00	63.00	Meat and bone scrap,	As certified,	7753
10.00	1.74	3.00	3.80	Meat and bone scrap,	As certified,	7587
8.00	1.59	3.00	85.00	Meat and bone scrap,	As certified,	8176
8.00	1.51	3.00	4.90	Meat and bone scrap,	As certified,	7810
6.00	2.22	3.00	4.50	Meat and bone scrap,	As certified,	8060
6.00	1.40	3.00	5.75	Meat and bone scrap,	As certified,	7227
6.00	1.71	3.00	3.75	Meat and bone scrap,	As certified,	7556
6.00	2.06	3.00	4.00	Meat and bone scrap,	As certified,	7702
6.00	1.97	3.00	4.25	Meat and bone scrap,	As certified,	8104
6.00	2.46	3.00	4.50	Meat and bone scrap,	As certified,	8105
5.00	2.24	3.00	4.25	Meat scrap,	As certified,	7520

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein Found	Protein Guaranteed	Fat Found
			%	%	%
8061	Vico High Protein Meat Scraps for Poultry.	H. L. Garrison & Brother, Berwick.	57.63	55.00	11.11
7519	Vico Pure Meat Bone Scraps for Poultry.	Blank & Gottshall Co., Inc., Sunbury.	53.56	45.00	10.32
8062	Vico Pure Meat Bone Scraps for Poultry.	H. L. Garrison & Brother, Berwick.	47.44	45.00	9.34
7521	Vico Quality Meat Scraps for Poultry,	Blank & Gottshall Co., Inc., Sunbury.	51.56	50.00	10.52
	WILSON & COMPANY, CHICAGO, ILL.				
8166	Red W Brand Meat and Bone Scraps,	Fruit Growers of Chester County Pennsylvania, West Chester.	50.81	50.00	8.60
		Average,	50.57	-------	11.50
	FISH SCRAP				
	THE BAUGH & SONS CO., BALTIMORE, MD.				
7978	55% Fish Meal for Feeding,	West Manheim United Farmers Association, Hanover.	55.19	55.00	8.82
	THE CENTRAL CHEMICAL CO., HAGERSTOWN, MD.				
7904	Gro-All Fish Meal,	Wm. B. Barnitz, Carlisle,	55.25	55.00	8.53
	FRED. E. LORD, ESPY, PA.				
7967	Fish Meal,	Fred. E. Lord, Espy,	59.69	50.00	7.08
	CHAS. R. SHOEMAKER, INC., PHILADELPHIA, PA.				
7420	Ground Fish 55%,	A. C. Myers, Lock Haven,	52.63	55.00	10.61
	CHARLES H. STRUVEN & CO., BALTIMORE, MD.				
7517	Struven's Fish Meal for Hog, Poultry and Cattle Feeding.	Blank & Gottshall Co., Inc., Sunbury.	56.38	55.00	12.60
		Average,	55.83	-------	9.53
	TANKAGE				
	BAUGH & SONS CO., PHILADELPHIA, PA.				
7589	Baugh's 60% Digester Tankage,	Mifflinburg Farmers Exchange, Inc., Mifflinburg.	61.44	60.00	6.30
7979	Baugh's 60% Digester Tankage,	West Manheim United Farmers Association, Hanover.	63.75	60.00	7.09

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
5.00	2.14	3.00	4.50	Meat scrap,	As certified,	8061
5.00	2.50	3.00	3.75	Meat and bone scrap,	As certified,	7519
5.00	3.08	3.00	3.60	Meat and bone scrap,	As certified,	8062
5.00	2.74	3.00	4.00	Meat scrap,	As certified,	7521
6.00	1.82	3.00	4.35	Meat and bone scrap,	As certified,	8166
------	1.81	-------	81.88			
8.00	1.57	3.00	75.00	Fish meal,	As certified,	7978
6.00	1.08	1.00	79.00	Fish meal,	As certified,	7904
5.85	1.45	8.00	3.75	Fish meal,	As certified,	7967
6.00	1.90	3.00	4.50		Fish scrap and small amount unidentified hulls.	7420
4.00	1.13	2.00	4.50	Fish meal,	As certified,	7517
------	1.42	-------	81.80			
5.00	1.17	3.00	4.00	Digester tankage,	As certified,	7589
5.00	1.48	3.00	74.00	Digester tankage,	As certified,	7979

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein Found	Protein Guaranteed	Fat Found
	DARLING & CO., CHICAGO, ILL.		%	%	%
7362	Darling's 60% Digester Tankage, ----	Cochranton Cooperative Association, Cochranton.	61.13	60.00	4.67
	JACOB DOLD PACKING CO., BUFFALO, N. Y.				
7924	Dold Quality Digester Tankage, ------	Ralph Fuller, Turbotville, --	61.06	60.00	6.54
8051	Dold Quality Meat and Bone Meal, --	C. Y. Wagner & Co., Inc., Beech Creek.	46.19	46.00	14.22
	A. F. REES, HANOVER, PA.				
7981	Pure High Protein Tankage, --------	West Manheim United Farmers Association, Hanover.	48.44	50.00	11.66
	ROBERT A. REICHARD, INC., ALLENTOWN, PA.				
7703	Reichard's 40% Meat and Bone Tankage.	Jerseytown Roller Mills, Jerseytown.	33.13	40.00	13.05
	THE WM. SCHLUDERBERG—T. J. KURDLE CO., BALTIMORE, MD.				
7925	Esskay Quality Digester Meat Meal, -	Ralph Fuller, Turbotville, -	50.88	46.00	9.16
	CHAS. R. SHOEMAKER, INC., PHILADELPHIA, PA.				
7770	Producer Brand 50% Feeding Tankage,	J. B. Anderson's Son, Shickshinny.	50.44	50.00	9.76
7975	Top Grade Brand 60% Feeding Tankage.	J. W. Herman, Beaver Sprnigs.	62.88	60.00	5.52
7419	Top Grade Brand 60% Feeding Tankage.	A. C. Myers, Lock Haven,	62.75	60.00	8.15
	SWIFT & COMPANY, NEWARK, N. J.				
8069	Swift's Digester Tankage, ----------	Ash Brothers, Briar Creek, -	62.31	60.00	3.56
	THE VAN IDERSTINE CO., LONG ISLAND CITY, N. Y.				
7522	Vico Digester Tankage for Hogs, ----	Blank & Gottshall Co., Inc., Sunbury.	57.94	60.00	11.52
8063	Vico Digester Tankage for Hogs, ----	H. L. Garrison & Brother, Berwick.	63.13	60.00	8.79
7775	Vico Digester Tankage for Hogs, ----	The Shickshinny Mill, Shickshinny.	61.65	60.00	9.28

FEEDING STUFFS COLLECTED IN 1929—Continued

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
0.50	2.72	3.00	4.20	Digester tankage,	As certified,	7362
7.00	2.43	5.00	4.25		Digester tankage, bone and excessive amount of hoof.	7924
10.00	3.51	5.00	4.00		Digester tankage,	8051
12.50	2.27	2.75	64.00		Digester tankage,	7981
10.00	3.47	6.00	3.50		Digester tankage,	7703
10.00	3.27	5.00	4.00		Digester meat meal tankage and vegetable fibrous material.	7925
6.00	1.39	3.00	80.00	Feeding tankage,	As certified,	7770
6.00	1.45	3.00	4.50		Digester tankage,	7975
6.00	0.70	3.00	4.50		Digester tankage,	7419
5.00	1.26	3.00	4.00	Digester tankage,	As certified,	8069
1.00	1.93	3.50	4.00	Digester tankage,	As certified,	7522
1.00	2.57	3.50	4.00	Digester tankage,	Found also small amount hoof meal.	8063
1.00	2.57	3.50	85.00	Digester tankage,	Found also small amount hoof meal.	7775

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		Fat
			Found	Guaranteed	Found
	F. L. WINNER, LOCK HAVEN, PA.		%	%	%
7706	Winner Brand Tankage Pig Food, ---	G. H. Girton, Millville, --	42.88	40.00	11.61
		Average, ----------	55.63	-------	8.81
	POULTRY BONE				
	JACOB DOLD PACKING CO., BUFFALO, N. Y.				
7483	Dold Quality Poultry Bone, ---------	Platt & Steadman, Spartansburg.	25.44	24.00	5.04
	THE WM. SCHLUDERBERG—T. J. KURDLE CO., BALTIMORE, MD.				
8095	Esskay Quality Poultry Bone, --------	Charles Werner & Co., Pine Grove.	25.38	20.00	4.67
	CHAS. R. SHOEMAKER, INC., PHILADELPHIA, PA.				
7771	Brawn Brand No. 2 20% Poultry Bone.	J. B. Anderson's Son, Shickshinny.	28.69	20.00	0.54
		Average, ----------	26.50	-------	3.42

FEEDING STUFFS COLLECTED IN 1929—Concluded

Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed				
%	%	%	$			
14.25	1.79	2.00	3.35	----------	Digester tankage, -----	7703
------	2.12	------	79.31			
2.00	3.55	5.00	4.75	Bone meal, ----------	As certified, ----------	7483
2.00	3.54	5.00	2.50	Bone meal, ----------	As certified, ----------	8095
4.00	------	------	76.00	Bone meal, ----------	As certified, ----------	7771
------	3.54	------	73.67			